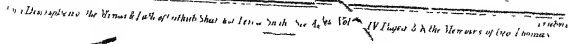


1998



THE CHRONICLES
OF
THE PATHÁN KINGS OF DEHLI,

ILLUSTRATED BY
COINS, INSCRIPTIONS, AND OTHER
ANTIQUARIAN REMAINS.

أَطِيعُوا اللَّهَ وَأَطِيعُوا الرَّسُولَ وَأُولِي الْأَمْرِ مِنْكُمْ

Legend on Coin No 198, from Kū ān, Sū āh is vol. 62

BY
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PREFACE.

THE limited edition of my original Monograph on the Coins of the Pathán Sultáns of Hindústán (London, 1847), has long since been exhausted; the still more restricted impression of a Supplement, chiefly designed to reduce into type a record of perishable materials, in, as it proved, a very unsafe locality (Dehli, 1851), can scarcely be said to have been before the public. Its compilation, however, pointed consistently to a future revision of the general subject, which has been postponed, from time to time, till the accumulation of new and very ample materials has forced me to recognize my obligations to an inquiry I had in a measure made my own. The result appears in the following pages.

The two essays above referred to were essentially technical and limited in their scope to antiquarian objects; an almost identical disadvantage attended a later cognate memoir, "On the Initial Coinage

of Bengal," which was devoted to the description of selections from the 13,000 coins of the very instructive Kooch Bahár *trouvaille*.

In the present work I have asserted my freedom from conventional trammels, and endeavoured to make Numismatics applicable in their larger and better sense to the many collateral questions they chance to touch, equally pressing into the service all available external aids to history, for which the laxity of Oriental tradition gives even too many openings.

It would not become me to say anything in favour of my own production; indeed, I am fully alive to its imperfections; but I may frankly say I have learnt many things, which I did not know previously, during the course of its composition. On the other hand, I have to meet, by anticipation, two objections which may strike an English reader. The first of these is the still open contest as to how Oriental words should be reproduced in Roman type. At one time I was disposed to be pedantic on the subject, and even went so far as to devise an elaborate scheme for the discriminative representation of Semitic and Aryan alphabets; but the difficulties attending the innovation seemed far to outbalance any advantages that might possibly be gained by the public, and the

author himself thoroughly appreciated the benefit of being in the hands of a printer whose resources enabled him to reproduce Sanskrit or Arabic in their proper characters, with equal, if not greater facility than the anomalous dotted and accented hybrids our current type would, at the best, have admitted of.

The system I have now attempted to follow has been to recognize and retain all fixed Anglicized forms, and at the same time to embody the more definite sounds of local speech, in preference to any critical adherence to the occasionally divergent alphabets of Devanāgarī and Arabic. Dealing with Turanian Persian, redolent of the atmosphere of Dehli, which severe Continental Professors somewhat needlessly disparage, I have permitted myself a latitude which would neither stand the test of Iranian Persian, nor, in the adapted words, the criticism of an Arabic grammarian. I have further necessarily discarded uniformity, by frequently adhering, in my quotations, to the method of spelling favoured by the original author ; so that there is, perhaps, no one of my narrow list of seeming innovations for which I could not cite, from my own extracts, previous and competent authority.

The second question refers to the general absence of translations of coin legends and illustrative texts.

It has been generally confessed from the first day "Aladdin" appeared in a European dress, that Oriental names would not bear translation, and the inflated titles of the East, rendered in the subdued language of the West, would jar even more harshly upon English ideas. My leading object in this work has been to collect materials for history, in the form of documents, which it was primarily desirable to retain in their most authentic form, or in the nearest possible approach to their original integrity,—translations in such cases would be, in effect, mere repetitions; but wherever these documents have any reference to the immediate subject of discussion, free illustrations of the context are given.

The compiler of a record like the present is more than ordinarily dependent upon the aid of his fellow-labourers: it will be seen that the number of my disinterested contributors, though necessarily inconsiderable, has been compensated by the fullness and freeness of their gifts. My obligations are due to the many collectors of coins whose names are indicated, in more detail, in the body of the work and in the subjoined note upon the despositories of existing cabinets. I am indebted to Mr. Fergusson for the use of the effective architectural engravings

which illustrate the text. The woodcuts of coins, as may be gathered from their treatment, are the work of different hands, and vary in their execution to a marked degree. The best shaded examples are by Mr. J. Schnorr of Stuttgart; the engravings of Mr. Adeney are next in merit; but it is confessedly difficult to get first-class artists to undertake such complicated, and to them unintelligible subjects. So that I can scarcely bring myself to reproach the authors of my numerous disappointments in this direction.

The ground plan of Dehli, which figures as the frontispiece, is itself a curious "Old Mortality" style of document, commemorative of the earliest English survey of the environs of the ancient capital of the Patháns, as we received it from the hands of the Mahiattas after Lord Lake's action in 1803. It has been reduced in photography, by Dr. Forbes Watson's establishment, from the original Survey Map now in the Mackenzie Collection in the India Office.

LONDON,

February 25, 1871.

NOTE ON THE OWNERSHIP AND PRESENT DEPOSITORIES OF THE
VARIOUS COLLECTIONS OF COINS QUOTED IN THIS WORK.

1 Marsden Collection, in the British Museum, fully described in his work entitled *Numismata Orientalia*. (London, 1823)

2 The collection in the India Office, many specimens of which are noticed and engraved in Professor Wilson's *Asiana Antiqua* (London, 1841.)

3. My own original collection, comprising the coins figured in plates i -v. of this volume, now in the British Museum. A limited but select cabinet of my later acquisitions in my own possession

4. Mr. Edward Clive Bayley's collection, which formed the ground-work of my Supplement, printed at Dehli in 1851. In the owner's possession. (In England)

5. Colonel Stacy's collection in the Museum of the Asiatic Society of Bengal (In Calcutta.)

6. Mr. George Freeling's collection, partly in the Bodleian at Oxford, with the Bardoe Elliot bequest, and partly in the hands of his widow.

7 Colonel Guthrie's collection, comprising selected specimens of the Kooch Bahár *trouvaillie* (plate vi), and the choice Pathán series, so often quoted in these pages, which now embraces the accumulated treasures of General Cunningham and Major Stubbs's most successful gleanings of the last few years. (In England.)

8. Sir Walter Elliot has some curious specimens of the local series of the Dakhan, and Sir Bartle Frere has a large collection of Indian coins, which I have not yet had an opportunity of examining.

9. There are a few Pathán coins in Russia, descriptions of which will be found in Frœhn's "*Recensio Numorum Muhammadanorum*," and M. Dorn's Supplement to that work. Many dispersed specimens are also quoted, from continental cabinets, in the posthumous collection of M. Soret's *Essays*.

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CORRIGENDA.

Since the completion of this work, the author has finally satisfied himself that the true value of the *ddm* (or money of account of the Mughal financiers), is $\frac{1}{10}$ and not $\frac{1}{20}$ of a rupee. Under these conditions the table at page 445 may be modified and amended as follows. But in adopting these results, it will be necessary to enlarge Richard Hawkins's ambiguous definition of "crown land" (No. 6), and admit that he designed to refer to the State revenues derived from *all* sources.

	Land Revenue	Total Revenue from all sources.
1. Fírúz Sháh, A.D. 1351-1388...		£6,850,000
2. Bábar, A.D. 1526-1530 . . .	£2,600,000	
3 Akbar, A.D. 1593		32,000,000
4. Akbar, A.D. 1594	16,574,388	
5. Akbar, A.D. 1605	17,450,000	
6 Jahángír, A.D. 1609-1611 . . .		50,000,000
7. Jahángír, A.D. 1628	17,500,000	
8. Sháh Jahán, 1st return	22,000,000	
9. Sháh Jahán, later return	36,000,000	
10. Aurangzáb, A.D. 1697	38,719,400	77,438,800

THE PATHÁN KINGS OF DEHLI,

ETC.

THE history of Muhammadan nations is especially open to illustration and rectification from Numismatic sources. Deficient as all mintages imitating the early Kufic models of the Khalifs may be in artistic effect or variety of device, they compensate for these imperfections, on the other part, in devoting their entire surfaces to legends which, among other occasionally significant indications, record at length the style and titles of the monarch, the date of coinage, and the name of the mint; thus affording direct evidence to three distinct facts—the existence of the sovereign as such, the epoch at which he reigned, and the country over which he was king.

The value of this species of illustration, as applied to the Medieval Indian annals now under review, is greatly enhanced by the exaggerated importance attached by the Muslims themselves to that department of the conventional regal functions, involved in the right to coin. Among these peoples, the recitation of the public prayer in the name of the aspirant to the throne, associated with the issue of money bearing his superscription, was unhesitatingly received as the overt act of accession. Unquestionably, in the state of civilization here obtaining, the production and facile dispersion of a new royal device was singularly well adapted to make manifest to the comprehension of all classes the immediate change in the supreme ruling power. In places where men did not *print*, these stamped moneys obtruded

into every Bázár constituted the most effective manifestoes and proclamations human ingenuity could have devised: readily multiplied, they were individually the easiest and most naturally transported of all official documents; the viceroy *Fakír*, in his semi-nude costume, might carry the ostensible proof of a new dynasty into regions where even the name of the kingdom itself was unknown. In short, there was but little limit to the range of these Eastern heralds; the Numismatic Garter King-at-Arms was recognized wherever Asiatic nations accepted the gold, and interpreters could be found to designate the Cæsar whose "epigraph" figured on its surface. So also on the occasion of new conquests, the reigning Sultán's titles were ostentatiously paraded on the local money, ordinarily in the language and alphabet of the indigenous races, to secure the more effective announcement of the fact that they themselves had passed under the sway of an alien Suzerain. Equally, on the other hand, does any modification of or departure from the rule of a comprehensive issue of coin imply an imperfection, relative or positive, in the acquisition of supreme power. There are but few instances of abstention from the exercise of this highly-prized prerogative in the present series, but in all such cases the guiding motives are sufficiently ascertained.

The epoch which the present series of medals illustrates extends from A. D. 1193 to 1554, or a period of somewhat more than three centuries and a half during this interval six dynasties, numbering in all forty kings, succeeded in turn to the throne of Delhi. I purposely avoid any attempt at a general definition of the boundaries of the empire, at all times uncertain in extent, varying from the extreme limits of Eastern Bengal on the one side, to Kábul and Kandahár

on the west, with Sindh and the Southern Peninsula to complete the circle; occasionally reduced to a few districts around the capital, and in one instance confined to the single spot inclosed within the walls of the metropolis itself.

The materials at present available suffice to determine, with some accuracy, the theoretical standards of the currency of the Pathán Sultáns. Some new evidence on the subject has lately come to light in the journals of Western travellers in India during the first half of the eighth century of the Hijrah, which coincides in a singular manner with the data afforded by the weights and intrinsic contents of existing coins; so that we are now in a position to maintain with confidence that the scheme of coinage, adopted by Altamsh from possibly conflicting native traditions, recognized the use of gold and silver pieces of equal weights, the metal in each case being as pure as the processes known to the home refiners permitted them to achieve. The intentional Mint standard must have ranged very closely upon the 175 grains, Troy, which amount can be nearly told in the balance by the better specimens to be found in modern cabinets, a definite weight also, for which there was high authority in the *Saturuktika*, or "One hundred ratí," divisional term, which appears in early post-Vedic commentaries. The most important elements, however, of this adaptive Indian currency, consisted of hybrid pieces of silver and copper, combined in the proportions necessary to constitute the equivalent sub-divisions of the ruling silver *Tamrah*, which, although it was anomalously composed of 100 Indian *Gunjá* seeds (*Abrus precatorius*), was never divided in practice by any other number than 64. The favourite sub-divisional current piece, in more advanced times, seems to have been

$\frac{1}{4}$ or $\frac{1}{8}$, which latter denomination it preserved in the *Hasht Kānū*, or "Eight-Kanis," the counterpart and correspondent of eight Jitals, 64 of which also fell into the general total of a *Tankah*. And here it would seem that more purely indigenous traditions had to be reconciled to intermediate Aryan innovations. The new *Tankah* might rule and regulate its own subdivisions, but it does not seem to have been able to emancipate itself from the old silver *Purāṇa* of 32 Ratis of Manu's Code, which maintained its old weight of 56 grains, in independent isolation, down to the time of Muhanmad bin Tughlak. So intuitive in the native mind was the idea of reckoning by *fours*, the "Gunḍā" of the modern indigène, that gold and silver were supposed to conform to some such law, being estimated theoretically, whatever the current rate may have been at any given moment, at 1 : 8. So also the silver piece was divided into 8 (or primarily 8×8), and the copper exchange against silver commenced with 4 *fuls* to the $\frac{1}{8}$ of a Tankah. The Quaternary scale, in short, was all-pervading; there was no escaping the inevitable 4's, 16's, 32's, and 64's, the heritage of the masses, which, having survived alike Aryan intrusion and Muhammadan conquest, still flourish undisturbed by the presence of British decimals.

The modifications effected in the coinage by Muhammad bin Tughlak are highly instructive, and seem to determine beyond question the ratios of gold to silver obtaining at the period. Not less worthy of study is his attempt to introduce a forced currency of copper tokens. The amplification by Firūz Shāh of the divisional pieces of mixed copper and silver is also of importance, as leading-up to the almost exclusive use of this species of currency under Bahlōl Lōdī and his son Sikandar, and, finally, in the

reforms perfected by Shír Sháh,—the production of the “Rupee” (of 178 grains), and the substitution of copper coins for the fallacious mixed-metal pieces,—may be seen the almost unchanged condition of the lower currencies of Her Majesty’s Government in India at the present day.

Amid the general series of the coins of the Dehli monarchs I have also incorporated notices of many collateral issues, more or less directly identified with their rule, such as the local moneys superseded and imitated on the immediate absorption of the kingdoms of the Hindú potentates: offshoots of the Ghazní and Dehli systems from the mints of the Muslim contemporaries of the early occupying conquerors, who held, in their own right, outlying provinces in India. And, more consecutively, reference has been made to the currencies of their fellow-warriors for the faith in Bengal, who from time to time confessed allegiance to the Sultáns of Hindústán. And, lastly, advantage has been taken of an analogous species of illustration contributed by the inscriptions recorded on the public monuments of the Imperial dynasty, which, in early days, were largely and effectively employed in the decoration of the walls and gateways of mosques, palaces, and tombs. These essentially Oriental compositions, whether as regards the ornamental form of the Arabesque, or the more stern chiselling of the Kufic letters, may freely vie with the best specimens of Saracenic art extant.

I now proceed to exhibit a complete list of the sovereigns of the Pathán dynasty, with the dates of accession of each. I must premise that I have intentionally retained the Hijrah era as the leading reference for all dates, as in many cases where the precise period in Muhammadan

months or days was uncertain, it would have been impossible to fix the corresponding epoch in the Christian era. Hence I have adopted the plan of annexing to the bare Hijrah date of the elevation of each king, the day and the year of our calendar answering to the initial day of the Hijrah year so quoted. "The note at the foot of this page,"¹ giving the names and order of the Arabic months, and the rules for calculating the irregularities of the Muhammadan year, will efficiently supply the references to intermediate periods.

¹ The Hijrah era commenced on the 15th July, A.D. 622. The year is purely lunar, consisting of twelve months, each month being reckoned from the appearance of the new moon, without any intercalation. In practice, months of 30 and 29 days are made to alternate, thus completing a year of 354 days eleven times in thirty years one day is added to the last month, making 355 days in that year. So that the average length of a year is $354\frac{1}{3}$ days, a month, or $\frac{1}{3}$, being $29\frac{2}{3}$. The intercalary year of 355 days occurs on the 2nd, 5th, 7th, 10th, 13th, 15th, 18th, 21st, 24th, 26th, and 29th years of every thirty years.

THE MUHAMMADAN MONTHS ARE AS FOLLOWS --

1.	مُحَرَّم Muharram,	30 days.
2.	صَفَر Safar,	29 "
3.	رَبِيعُ الْأَوَّل Rabi'ul awwal,	30 "
4.	رَبِيعُ الْآخِر Rabi'ul ákhir,	29 "
5.	جُمَادَى الْأَوَّل Jumáda'l awwal,	30 "
6.	جُمَادَى الْآخِر Jumáda'l ákhir,	29 "
7.	رَجَب Rajab,	30 "
8.	شَعْبَان Sh'abán	29 "
9.	رَمَضَانَ Ramazán,	30 "
10.	شَوَّال Shawwál,	29 "
11.	ذِي الْقَعْدَةِ Zil' k'adah,	30 "
12.	ذِي الْحِجَّة Zil' hijjah,	29 "

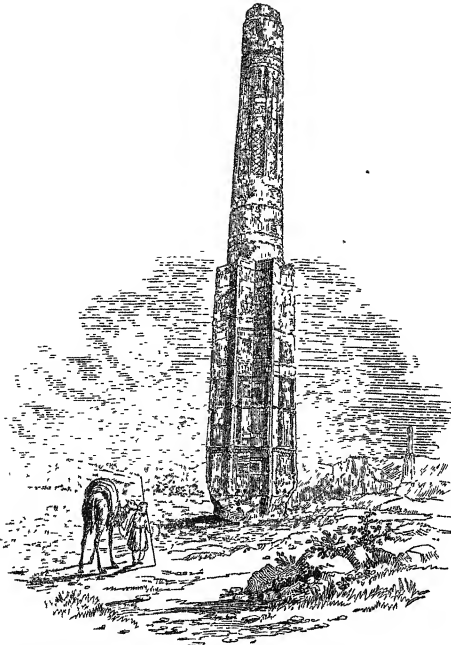
LIST OF THE PATHÁN SULTANS OF HINDUSTAN.

NO	DATE OF ACCESSION A.D.	INITIAL DATE OF THE REIGN A.D.	NAMES OF SULTANS
1	589	Jan 7, 1193	Mu'izz-ud-din Muhammad bin Sam (1st Dynasty)
2	602	Aug 18, 1205	Kutb-ud-din Aibek
3	607	June 25, 1210	Alam Shah
4	607	" "	Shams-ud-din Altamsh
5	633	Sept 16, 1235	Rukn-ud-din Firuz Shah I.
6	634	Aug. 11, 1236	Sultan Raziab
7	637	" 3, 1239	Mu'izz-ud-din Bahram Shah.
8	639	July 12, 1241	Ala-ud-din Mas'ud Shah
9	644	May 19, 1246	Nasir-ud-din Mahmud
10	661	Oct 13, 1265	Ghiyas-ud-din Balban
11	686	Feb 16, 1287	Mu'izz-ud-din Karkubad (Dynasty)
12	689	Jan 14, 1290	Jalal-ud-din Firuz Shah II <i>Khalji</i> (2nd)
13	693	Nov. 10, 1295	Rukn-ud-din Ibrahim
14	695	" "	Ala-ud-din Muhammad Shah
15	715	April 7, 1315	Shahab-ud-din 'Umai
16	716	March 26, 1316	Kutb-ud-din Mubarak Shah I.
17	720	Feb 12, 1320	Nasir-ud-din Khusrú. (Dynasty)
18	720	" "	Ghiyas-ud-din Tughlak Shah (3rd)
19	725	Dec 18, 1324	Muhammad bin Tughlak
20	752	Feb 28, 1351	Firuz Shah III <i>bin Salar Ruyab</i> .
21	790	Jan 11, 1388	Tughlak Shah II
22	791	Dec 31, 1388	Abubakr Shah
23	792	Dec 20, 1389	Muhammad Shah bin Firuz Shah
24	795	Nov. 17, 1392	Sikandar Shah [(Tímúr, 800)]
25	795	" "	Mahmud Shah bin Muhammad Shah
26	797	Oct 27, 1394	Nasir Shah, <i>Interregnum</i> , Mahmud restored, 802.
27	815	April 13, 1412	Damlat Khan Lodi.
28	817	March 23, 1414	Khizr Khan <i>Syud</i> (4th Dynasty)
29	824	Jan 6, 1421	Mu'izz-ud-din Mubarak Shah II
30	837	Aug 18, 1433	Muhammad Shah bin Farid Shah.
31	847	May 1, 1443	'Alam Shah
32	855	Feb. 3, 1451	Bahlol Lodi (5th Dynasty).
33	891	Dec 5, 1488	Sikandar bin Bahlol
34	923	Jan 24, 1517	Ibrahim bin Sikandar (Bábar, 932 A.D.)
35	937	Aug 25, 1530	Muhammad Humáyún, <i>Mughul</i> .
36	947	May 8, 1540	Farid-ud-din Shir Shah, <i>Afghan</i> .
37	952	March 15, 1545	Islam Shah
38	960	Dec. 18, 1552	Muhammad 'Adil Shah.
39	961	Dec. 7, 1553	Ibrahim Sur. [962 A.D.]
40	962	Nov. 26, 1554	Sikandar Shah. (Humáyún, restored)

INTRODUCTORY LIST OF THE RULERS AND KINGS
OF BENGAL.

NO	DATE OF ACCESSION A D	INITIAL DATE OF THE REIGN A D	NAMES OF RULERS AND KINGS
1	600	Sept 10, 1203	<i>Muhammed Bakhtiar Khilji</i>
2	602	Aug. 18, 1205	'Izz-ud-din Muhaminad Shiran Khilji
3	605	July 16, 1208	'Alá-ud-din 'Ali Mardán, <i>Khilji</i>
4	608	June 15, 1211	Husám-ud-din 'Awz <i>Khilji</i> (<i>Sultán</i> <i>Ghiás-ud-din</i>)
5	624	Dec 22, 1226	Násir-ud-din <i>Mahmúd</i> , bin <i>Sultán</i> <i>Altamsh</i> (Coin, No. 60).
6	627	Nov. 20, 1229	'Alá-ud-din Jání
7	"	"	Saif-ud-din Aibek, <i>Tughán Tut.</i>
8	631	Oct. 7, 1233	'Izz-ud-din Tughral, } <i>Riviah</i> , 634-7 <i>Tughán Khán</i>
9	642	June 9, 1244	Kamr-ud-din <i>Tamar Khán</i> , Kíran.
10	"	" "	Ikhtíár-ud-din, Yúzveg ¹ <i>Tughral</i> <i>Khán</i>
11	656	Jan. 8, 1258	Jalál-ud-din Mas'aud <i>Muluk Jání</i> .
12	657	Dec 29, 1258	'Izz-ud-din Balban, ² <i>Uzbeqi</i>
13	"	" "	Táj-ud-din Arslán Khán, Sanjar, <i>Khwarizm</i>
14	659	Dec. 6, 1260	Muhammad Arslán Khán, <i>Tatar Khán</i>
15	676(?)		<i>Sultán</i> Maghís ud-din Tughral
16	681	April 11, 1282	<i>Bughrá Khán</i> , Násir-ud-din <i>Mahmúd</i> , second son of <i>Sultán Balban</i> .
17	691	Dec 24, 1291	Rukn-ud-din <i>Kar Kúsh</i> .
18	702	Aug 26, 1302	Shams-ud-din <i>Firúz Sháh</i> . (Reigned in Lakhnaúti till 722)
19	?		Shaháb-ud din <i>Bughrá Sháh</i> .
20	710	May 31, 1310	Ghiás-ud-din <i>Bahádur Sháh</i> .
21	733	Sept 22, 1332	<i>Muhammad bin Tughlal</i> .
22	737	Aug 10, 1336	Fakr-ud-din <i>Mubárah Sháh</i>
23	742	June 17, 1341	Alá-ud-din <i>'Alí Sháh</i>
24	751	March 11, 1350	Ikhtíár-ud-din <i>Ghází Sháh</i>

^{1, 2} These contrasts in the orthography follow the Persian text of Minliq-us-Sináj, who seems to have designed to mark a difference in the pronunciation, but I should be unwilling to rely upon any such chance discriminations, in a text so obviously at the mercy of ignorant Oriental copyists.



THE MINARET OF MAS'UD III, A.H. 492-508 (A.D. 1099-1114), AT CHAZNI,¹
 from a Sketch by G. J. Vigne, Esq
Engusson's Handbook of Architecture, vol. 5 p. 415

FIRST KING (A.H. 589-602; A.D. 1193-1205).

The man who, by the force of his own energy, or that which he imparted to his generals, was enabled to change

¹ INSCRIPTION ON THE MINARET. (From Jour. As. Soc. Bengal)
 بسم الله الرحمن الرحيم امر السلطان الاعظم ملك الاسلام اعلام الملة

the destinies of India towards the close of the twelfth century A.D., came of a royal house, dating from an obscure principality in the mountains south-east of Herát. The great Mahmúd of Ghazní, some two centuries previously, had penetrated frequently and by varied routes into the rich plains of India; his aim, with but scant affectation of the Muslim cry of a "holy war," was in truth mere plunder, and with this he returned plentifully gratified to his northern capital.

The later scions of the dynasty of Subuktágín, driven out of Ghazní on its sack by 'Alá-ud-dín Husain Jáhánsóz in A.H. 550, retired to Láhór, and had already, in effect, become domesticated Indian sovereigns; so that as Mu'izz-ud-dín pressed down and around them, the occupation of the more advanced provinces of Hindústán followed as a natural sequence. *Mu'izz-ud-dín* Muhammad bin Sâm, or *Shahab-ud-dín*, as he was called in his youth, otherwise known as Muhammad Ghori, the founder of the Puthán dynasty of Delhi, is first noticed in history on the occasion of his nomination, in conjunction with his elder brother, Ghíás-ud-dín, to the charge of a province of Ghor, by his uncle, the notorious 'Alá-ud-dín Husain *Jáhánsóz*. After the accession of Ghíás-ud-dín to the throne of Ghor, in 558 A.H., Mu'izz-ud-dín, acting as his general, subdued portions of Khorásán, and, on the conquest of Ghazní, in 569, he was nominated

والدولة أبو سعيد مسعود بن ظهير الدولة المسموعى أبو إبراهيم نصر
الدين أمير المؤمنين بمين المملكة أمين الملة مالك رفات الأمم سلطان
المكرم الحافان مولى ملوك العرب والعجم خلد الله بعلي ملكه وسلطانه
وأفاض علي العلماء نره وأحسنه غفر الله له ولوالديه ولجميع المسلمين

by his Suzerain brother to the government of that country. From this time his incursions into India commenced: in 571 he conquered Multán, in 574 he experienced a sanguinary defeat in an expedition against the prince of Nahrwála; next, Khusrú Malik, the last of the Ghaznavis, was assailed, and at length, in 582, captured by stratagem. In 587, in a more extended expedition into Hindústán, Muhammad Ghori was totally routed on the memorable field of Thaneswar by the Chohán leader, Prithví Rája of Ajmír. After a year's repose, the disgrace of this defeat still rankling within him, he, on the self-same battle-ground, again encountered his former adversary, now supported by the whole force of the country, the confederated armies of one hundred and fifty princes. This time fortune favoured the Ghoris, and a hard-fought field terminated in the total discomfiture of the Indian host. By this single victory the Muhammadans may be said to have become the virtual masters of Hindústán. The ulterior measures for the subjugation of the country were of speedy accomplishment, and most of the later additions to the Indian empire of Muhammad Ghori were perfected by his quondam slave, subsequent representative in Hindústán, and eventual successor on the throne of Dehli, Kutb-ud-dín Aibek. Ghíás-ud-dín, who had long retained little beyond the title of a king, died in 599 A.H., and shortly afterwards Mu'izz-ud-dín was installed in form. An unsuccessful attempt at conquest in the north, in itself attended by most disastrous results, was succeeded by the revolt of the governors of Ghazni and Multán: this outbreak, however, was soon suppressed. In the month of Sh'abán, A.H. 602,¹ Muham-

¹سوم ز عرڈ شعبان سال ششصد و دو فاد در رة غزن بمزل دمك

And the "*Mansil of Damik*" became a proverb in the land.—*Tabakát-i Nāsiri*, p. 124.

mad Ghori was slain in his tent, in the centre of his own camp, by a band of Gakkars. At his death, the Muslim empire in India extended generally over nearly the whole of Hindústán Proper, Sind, and Bengal. The sovereignty was, however, held by very exceptional tenures, and was most indeterminate in its inner geographical limits.

Mu'izz-ud-din Muhammad bin Sam.

No 1. (Similar to No. 2. Plate I)

Gold. Weight, 93 grs Very rare. Ghazni A.H. 692 Col. Guthrie

Circular Areas.

	لله
لاله الاله	محمد رسول الله
الناصر بالله السلطان	السلطان المعظم
الاعظم غياث الدببا	معز الدسا و الدين
والدين ابو المقتح	ابو المظفر محمد
محمد بن سام	بن سام
هو الذي ارسل . . . على الدين	Margin, عزه في شهر سنه
كله ولو كره المشركون	اتى و سعن و ستمايه
—Súrah lxi. 9. Kurán	

1a. There is another imperfect specimen of this gold issue in the Masson Collection in the East India Library, weighing 99 grs.

No. 2 (Fig. 2, plate i.). Silver. Weight, 68 grs Similar types.
Masson Collection Dates observed, A.H. 590, 596.

No. 3

(No. 1, Plate I.)

Silver. 74 grs. Very rare. A. H. 596 (*Prinsep Collection*, B.M.)

Legends arranged in concentric circles.

Obv —

هو الذى ارسل رسوله بالهدى ودين الحق ليطهر على الدين كله ولو

كره المشركون

لا اله الا الله محمد رسول الله السلطان الاعظم

قنات الدبوا الدين ابو الفتح

محمد بن سام

Rev —

صرب هذا الدرهم فى بلدة غزنة سنة ست و تسعين وخميس مائة

الناصر لدين الله السلطان المعظم معز

الدبوا و الدين ابو المظفر

محمد بن سام

TRANSLATION.

Obv —It is he that hath sent his messenger, with guidance and the true faith, that he might exalt it above all religions, though the infidels be averse thereto (Kurán, Súrah ix 33)—There is no god but God Muhammad is the prophet of God ' The most mighty sovereign—Ghíás ud dunyá wa ud dín, Abúl Fath —Muhammad bin Sám.

Rev.—This Dirham was struck in the city of Ghaznah, in the year five hundred and ninety-six —Al Násir le dín illah (the Khalif) The mighty sovereign, Mu'izz—ud dunyá wa ud dín Abúl Muzaffar. —Muhammad bin Sám

The above coins in the joint names of Ghíás-ud-dín and Mu'izz-ud-dín, bear testimony to the associated regal powers of the two brothers It is to be noticed, however, that the superlative **الاعظم** "The greatest," is applied to the one king, while **معظم** "Great," is all

that is extended to the conqueror of India. It will be observed from the coins which follow that, on the death of his brother, Mu'izz-ud-din himself adopted the superlative **الاعظم**

3a *Silver* Weight, 133 grs. Similar coin Col Guthrie.


No 4 . (No 3 Plate I.)

Silver. Weight 59 1 grs. Square areas A II 598. Col Guthrie

Reverse.	Obverse
لا اله الا الله	السلطان الاعظم
محمد رسول الله	معز الدين
الناصر لدين الله	ابو المطهر
امير المؤمنين	محمد بن سام

Margins illegible.

The above coins are in effect merely introductory to the Delhi series proper, emanating from the Imperial mint of the first occupying Muhammadan conqueror of India, they in some degree formed the models upon which the phrascology of the legends of the new currency was based, though, it will be seen, that they in no degree affected the system of weights or values obtaining in the northern provinces of India. Indeed, the old issues of "Dehliwâlas" composed of a mixture of copper and silver, retained their place throughout the land, and were imitated and adopted, with altered legends, by Altamsh and his feudatories, Kubâchah of Sind, and others; and it is not until the year 630 A H. that any silver pieces of the new empire make their appearance (No. 28 *infra*), and then their standard of weight equally follows the Indian system.

- No 5. (No. 4, Plate I.)
Mixed silver and copper 49 grs Rare. (Sind Mint.)
Obv.—السلطان الأعظم محمد بن سام
Rev.—Horseman in outline (conventionally styled *Tughla* ) with the *Hindi* legend श्री हमीर: *Sri Hammirah*
- No 6. (No 5, Plate I)
Mixed silver and copper. Weight, 49 grs. Rare
Obv.—Same as No 5.
Rev.—Rude figure of a cavalier, with lance at the charge.
- No 7. (No 6, Plate I)
Silver (impure). 46 grs (Ghor Mint?)
Obv.—السلطان الأعظم أبوالمظفر محمد بن سام
Rev.—Rude representation of a horseman, with lance at the charge; but the contrast is marked in the adherence to the statuesque as opposed to the intalaced combination of letters and material forms affected in Muhammadan *Tughla*.
- No 8. (No. 7, Plate I.)
Silver and copper. (Lāhor Mint?)
Obv.—السلطان المعظم عز الدين
Rev.—محمد بن سام
- No 9. (No 8, Plate I)
Silver and copper 46 grs (Lāhor Mint.)
Obv.—السلطان المعظم عز الدين
Rev.—أبو المظفر محمد بن سام
- No 10 (No. 9, Plate I.)
Silver and copper 49 grs (Dehli Mint)
Obv.—श्री महमद सामे *Sri Mahamad Sāme*.
Rev.—श्री हमीर: *Sri Hammirah*.

No. 11. Silver and copper Weight, 48 grs. (Sind Mint) Similar *Hindu* legends, both obverse and reverse, to No 10 The device of the Horseman follows the same tracings as the figure on No 5, and the forms of the letters are nearly identical, approximating closely to the style in use on the coins of Kubáchah.

No 12 Silver and copper. Weight, 45 grs. New type. E I Collection (Pesháwar Mint.)

Obv —Bull in Tughra, greatly distorted

. . . द सामे *Mahamad Sámi*.

Rev —Horseman, well-defined. Similar in design to No 4, Plate I

Legend—स्त्री हंमीर: *Sri Jammirah*

In a line with the spear, reading upwards, under the horse, in delicate Persian letters, is to be seen the word *پرشور* *Parshór* (Pesháwar) On the horse's quarter may be read the letters *جلا* *Jaldá*? (See Prinsep's Essays, pl. xxv. fig. 20)

No. 13 (No 10, Plate I.)

Silver and copper. 46 grs (Gwálor Mint.)

Obv —महमद सामि *Mahamad Sámi*

Rev —Figure of the Horseman greatly debased No legend

No. 14. Silver and copper Weight, 38 grs My cabinet

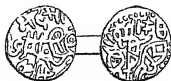
Obv. —الاعظم محمد بن سام

Rev —A rude figure of a horse

Similar to those depicted in Prinsep's Essays, pl xxv figs. 8-13: *Asiana Antiqua*, pl. xix. fig. 14, and pl xx fig. 6

¹ The reading of *Parshór* is confirmed by later specimens from the mints of 'Alá-ud-din Muhammad, *Khuduizmi*, who was critical in his geography, inserting the names of his mints in all sorts of odd corners, wherever space was to be found in the general design, for instance, *Bamian* on a line with the spear, *Karman* (imitating *Ilduz*) on the side of the Bull, and *پرشور* in the same place—*Journ R.A.S.* vol pp 205, 206. See also Elliot's *Historians*, i. 47, and ii 397

I do not propose to review in any detail the general series of Muhammad Ghori's Indian coinages, but there is a single specimen which I am anxious to notice on account of the unusual, indeed unique, nature of its legends, though I have frankly to confess that the imperfect and obscured reverse epigraph, in which is involved the whole question of novelty, leaves a doubt as to the finality of any opinion that may now be pronounced.¹ The appearance of the joint names of Muhammad bin Sám and Prithví Rája on one and the same coin is certainly startling, but there is nothing in the fact that need militate against local probabilities. We find that "the son of Rai Pítaura, who had been advanced under the protection of the sublime court," was left in charge of Ajmír,² in which case a numismatic confession of fealty would be quite appropriate, or this coinage may even have been struck in his name, under authority at head-quarters, for special circulation in his government. Indeed, this particular piece has, in effect, more the appearance of Dehli Mint art than of Ajmír manipulation. Many other explanations of the association might be given, but that it is useless to enlarge upon such imperfect data; and I only publish this curious piece that attention may be drawn to the possible existence of similar specimens in other imperfectly examined collections.



¹ General Cunningham has also examined this coin at my request, and, while expressing surprise at the combination of names, does not at all contest the obvious reading of the letters still visible on the coin.

² Táj-ul-Maásir, Elliot's *Historians*, ii pp 216, 219, 220, 226. Tod, ii, 451.

No. 15. Silver and Copper. Weight, 36 grs (My cabinet.) Unique.

Horseman.

Bull.

पृथ्वी

श्री महमद साम

.. Prithvī .

Sīf Mahamad Sām.

The Indian coinages of Muhammad bin Sām were, as may be seen, avowedly adaptive, and introductory to the more fixed and systematized mintages of his successors. One of these assimilated issues of unusual historical interest consists of the Gold Money put forth, in close mechanical identity of metal, symbols, and style of writing, in the name of the Muslim conqueror, immediately on the fall of Jai Chand, the last of the Rahtors of Kanauj,¹ in A.D. 1194. A suggestive fact connected with this attempt to maintain the supply of the local currency, and simultaneously to proclaim the victor's success, a convenient measure for utilizing plunder rather affected under the Sword of Islām, is that so many of these pieces found their way to the home of the invaders, and so few remained to aid the commerce of the indigènes.²

The intermediate coin (No 17) of Prithvī (Varmma) Deva, a contemporary of Govinda's (No. 16), indicates that much of the dominion of the Rahtors had already passed away from them, though the successful Chāndel and his adversary were both destined shortly to fall before the assaults of an alien race.

¹ He is called Jai Chand of Benares by the Tāj-ul-Maasir.—Elliot, ii. 223, 300. So also Minhāj, p 110, text. The Bard Chand also mentions that the Raja of Kāsi was a feudatory of Kanauj (Tod, ii 156). The Rahtor capital was latterly removed to Ban, east of the Ganges

² Only one of these coins of Muhammad bin Sām seems to have fallen to the share of James Prinsep's numerous contributors (Essays, i 289), who found the older issues common enough. The twenty-six specimens of the conqueror's coinage now noticed seem all to have been obtained by Masson in Afghanistan.

The modifications the name and titles of Muhammad bin Sám undergo in the contrasted specimens are curious, and may be supposed to indicate the several stages of recent victory,¹ and more fixed occupation and administration of the kingdom by his officials.

KANAUJ COINS

Govinda Chandra, A.D. 1120-1144.²

No. 16. Gold. (Prinsep, pl. xxiv. fig. 2; *Ariana Antiqua*, xx. 22: and H. H. Wilson, *Asiatic Researches*, xviii.)

Obverse—The Goddess *Lalshmi* seated The figure holding the cornucopia is imitated from the earliest types of the Gupta coinage (Prinsep's Essays, Pl. xxiii. 18, 19, etc.).

Reverse—Legend in three lines—

श्री मङ्गोर्विन्द चन्द्रदेव ॥

Śrī mad Govinda Chandra Deva.

Prithví (Varmma) Deva Chándel Rája of Mahoba, etc.³ (A.D. 1125-1130).

No. 17 Gold. (Prinsep's Essays, i. 292.) Common.

Obverse as usual.

Reverse—

श्री मत्पृष्ठी देव

Śrī Mat Prithví Deva.

¹ The *Tāj-ul-Ma'ásr* has a record of this mintage, "and the face of the dinár and the diám was adorned with the name and titles" of the king.—Elliot, ii. 223

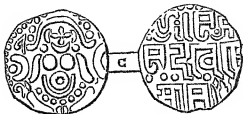
² Prinsep, *Useful Tables*, p. 258.

³ See Gen. Cunningham's List, quoted below, p. 65.

MUHAMMAD BIN SÂM'S KANAUJ COINS.

(Date of Conquest A.H. 590 = A.D. 1194.)

- No. 18 Gold. (5 specimens. E I Collection.) Prinsep's Essays,
pl xxiv fig. 3, vol i. 292, *Ariana Antiqua*, pl xxi. 25.

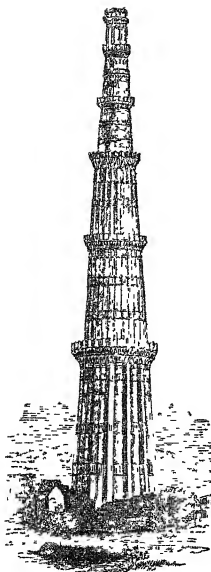
*Obverse* as usual in the Kanauj series.*Reverse*—श्री महमद बेने साम ॥ *Srî Mahamad bene Sâm.*

- No. 19 Gold. (21 specimens. E I. Collection.) Prinsep's Essays,
i. 292, *Ariana Antiqua*, pl xx. 25, 26, 27.

Obverse as usual.*Reverse*—श्री हमीर महमद साम—*Srî Hamîr Mahamad Sâm.*

In further illustration of these Numismatic memorials, I propose to insert, as occasion offers, selected specimens of the monumental inscriptions of the Pathân dynasty, which I had prepared for publication so long ago as 1855. For the majority of these records I was originally indebted to Syud Ahmad Khân's excellent *Archæological History of Dehli*, the "*Āsâr-us-Sunnadeed*,"¹ but the more complicated epigraphs were re-examined and patiently tested, both by that enthusiastic antiquary and myself, under the very shadow of the buildings upon whose walls they are engraved.

¹ The first edition of the *آثار السنادید* (written in *Urdu*) appeared at Dehli in 1846, a second and greatly improved edition, illustrated with numerous fac-similes, was published in 1851. A large portion of this latter has been reproduced in French, by M. Garcin de Tassy, in the *Journal Asiatique*, vol^e xv. (1860) p 508, xvi 190, 392, 521, and xvii. 77. This series of articles extends over nearly 200 pages, 8vo



THE KUTB MINÁR AT DELHI.

"The minár is 48 ft. 4 in in diameter at the base, and, when measured in 1794, was 242 ft in height. Even then, however, the capital was ruined, so that ten or perhaps twenty feet must be added to this to complete its original elevation. It is ornamented by four boldly projecting balconies, one at 90, the second at 140, the third at 180, and the fourth at 203 feet from the ground, between which are richly sculptured carved belts containing inscriptions. In the lower story the projecting flutes are alternately angular and circular, in the second circular, and in the third angular only, above this the minar is plain, but principally of white marble, with belts of the red sandstone, of which the three lower stories are composed."—*Fergusson's Handbook of Architecture*, v. 421

A. Inscription of *Muhammad bin Sam*, on the 4th circlet of the lower story of the Kutb Minár.

السلطان المعظم شهنشاه الاعظم مالك رفات الامم مولی ملوك

العرب والعجم سلطان السلاطين في العالم عات الدنيا والدين مع
 الاسلام والمسلمين محي العدل في العالمين علا الدولة القاهرة فلك
 الملكة القاهرة جلال الامة الباهرة شهاب الخلافة باسط الاحسان و
 الراقية في الثقلين ظل الله في المحافعين الحامي لبلاد الله الراعي لعباد
 الله محرر ممالك الدنيا ومظهر كلمة الله العليا ابو المظفر محمد بن
 سام فسم امر المؤمنين خلد الله ملكه

- B The second band or belt of Inscriptions (counting from the base-
 ment upwards) is also filled in with a nearly similar enumeration
 of the titles of Muhammad bin Sâm, concluding, however, with
 the hitherto novel designation of سكندر الثاني

Inscriptions of *Kutb-ud-din Aibeg*.

- C The second line of the Inscription under the arch of the eastern
 entrance to the Kutb Mosque, at Dehli, dated A.H. 587¹=1191 A.D.
 اين حصارا فتح كرد و ابن مسجد جامع را به ساخت نزارخ في
 شهور سنة سبع و ثمانين و خمسمائة امر اسفها لار اجل كبير فط

¹ General Cunningham, on his last visit to Dehli in 1862, critically examined this inscription with a binocular, and was inclined to think that Syud Ahmad had been in error in reading this date as 587 instead of 589 (Arch. Report, p. 28). As I have, I believe, succeeded in satisfying General Cunningham that 587 is the correct *sculptus et date*, I should not have entered further into the question, were it not for the historical importance of the numbers in question. I stated with some confidence in my edition of Prinsep's Essays (Vol. i, p. 326) that the true date in this epigraph was 587 A.H., and my justification for so positive an assertion was that I had, in January, 1855, very carefully studied the original, even to the extent of assuring myself of the bearing of every line and letter, by means of a scaffolding erected for the purpose, which was necessary, as the inscription was high up, and, moreover, obscured ordinarily by the arch under and within which it was placed. In this examination I took eye tracings and paper impressions

الدوله و الدين اميرالامرا اى بك سلطانى اعزالله انتصاره و ببست و
 هفت آلت بنخانه كي [sic] در هر بتخانه دوبار هزار بار هزار ديلوال
 صرف شده بود درين مسجد نگارسته شده است
 خدای عز و جل بران بنده رحمت كناد هر كه بر { continuation in the
 corner department }
 نبت باني خردعاه ايمان كويد

of all such parts as presented any difficulties, and this enabled me to correct, without hesitation, Syud Ahmad's reading of

”هفت آله بنخانه مركى در هر بتخانه دو ياهزار“

into the text given above—but the date was to my apprehension so obvious, that I did not either copy or take a rubbing of the words. However, to set the question definitely at rest, I have now sent out to Delhi, and have had the doubtful passage examined anew by a most competent authority, and the reply received is that there is *no doubt* that the unit is **سبع** and not **تسع**, the points are of but little consequence, the position of the elongated up-stroke settles the question, in these cases, and as for the “two dots,” even supposing them to exist, the dots are so scattered at hazard in these legends that but little reliance could be placed upon their referring more directly to **تسع** than to the penultimate letter of **نهمان**, which is immediately over it. Ibn Batutah, during his residence at the Court of Delhi (A. H. 734–743), read the date on the original monument as 584 A. H. (French edition, iii. pp. 11. 146, 161), but the mistake of substituting **اربع** *four* for **سبع** *seven*, in the decipherment of the intertwined *tughra* writing, would readily occur, even if the error is not due to the still more probable source of the careless copying of his autograph MS.

As regards the historical evidence to the date of 587 A. H. for the capture of Delhi by the Muslims, it is complete and consistent in the best authorities, Hasan Nizami, a so to say contemporary, places the event in 587 (Elhot, ii. p. 216), and Minhāj-us-Sirāj repeats in various forms, while treating of the life of Albig, the confirmation of the same date (Elhot, ii. p. 300; Calcutta text, pp. 139, and at p. 141, in noticing Kutb-ud-din's death in 607 A. H., it expressly adds, “from the first conquest of Delhi (ازاول فتح دهلي) to this time 20 years”). The discrepancy which it has been attempted clumsily to correct in some versions of the Persian text seems to have arisen out of the faulty narrative of the life of Mu'izz-ud-din himself (Calcutta text, p. 120 and note, p. 139)

D. Inscription over the northern entrance to the Mosque, dated
A. H. 592=1195-6 A. D.

بسم الله الرحمن الرحيم بدعو الى دارالسلام و يهدى من يشاء الى
صراط المستقيم (Kurán, x. 26) في شهر سنة اثنى وتسعين جرت هذه
العمارة بعالى امر السلطان المعظم معز الدنا والدين محمد بن سام
باصر امر المومنين

E. Date on the Centre Gateway of the Mosque, A. H. 594=A. D. 1197-8.
باربع العشرين من ذى القعدة سنة اربع وتسعين وخمس مائه

I consider that all these inscriptions were executed under the direct auspices of Kutb-ud-dín Aibeg, though he emblazons his own name and title in a single and special instance. There is a further record of his active participation in the erection of these buildings on the defaced lower band of the Minár, immediately over the foundation course, where his recognized titles of *الاسفيسار الاجل الكبر* are still legible. I may remark, incidentally, with reference to the much-debated question as to the assumed Hindú origin or the secondary adaptation by the Muhammadans of the partially prepared Kutb Minár, that General Cunningham's arguments, tending to prove the independent inception of the design by *Kutb-ud-dín Aibeg* are to my mind conclusive,² and this determination asserts itself altogether apart from the internal evidence of the inscriptions themselves; for, by

¹ *Asár-us-Sunnadeel*, p. 13, 9. لمير كتيبه هاى درجه اول لايه, Syud Ahmad Khán, who has had great experience in these matters, restores, with some confidence, a continuation of the legend, thus. *الامير الامرا الاسفيسار الاجل الكبر الدوله قطب الاجل الكبر الدوله قطب*

² *Archaeological Report*, Season of 1862-3, pp. 29, 30, 31.

parity of reasoning—if the Minár had been a mere adaptation of Rai Pithora's one-storied building—would not a similar boast have decorated its largely sculptured walls to that so triumphantly engraved on the mosque of the same period, where the “twenty-seven Idol temples,” the very pillars of which are seen in their varied ornamentation around the square of the court-yard, are monumentally recorded as having contributed to the erection of the dominating religious edifice of the Conqueror's faith ?

The celebrated mosque at Ajmír, which, like the edifice at the Kutb, was avowedly built of the materials contributed by the local idol temples,¹ also bears an epigraph dated during the reign of Mu'izz-ud-dín Muhammad bin Sâm. Colonel Lees has propounded a translation² of this inscription, to the following effect :—

“(This Masjid was built) during the guardianship of Akbar, the son of Ahmad (by the help of God), the creator, the everlasting, in the month of Zi-Hijjah, five hundred and ninety-six”—General Cunningham, *Archæological Report*, 1864-5, p. 9.

Táj-ud-dín Ilduz.

Closely connected with the imperial coinages of Mu'izz-ud-dín Muhammad bin Sâm are the pieces struck by his Lieutenant *Ilduz*,³ comprehending the various series in copper, silver, or gold, modified in their legends from time to time according to the relative positions of the master and the trusted slave, who had so won upon his lord's favour that the latter, before his death, had designed to

¹ At Ajmír the Sultan “destroyed the pillars and foundations of the idol temples, and built in their stead mosques and colleges.”—*Táj-ul-Maâsir*. Elliot, II. 215

² The text is not appended.

³ Properly *یلدز* *yildiz*, “a star.” Elphinstone has “Eldöz”

appoint him his successor in Ghazní.¹ The earliest coins bearing the name of Ilduz, are those apparently struck at his original seat of government, *Karmán*, a most important and vital position on the main line of communication between Ghazní and the Indus, on the Bungush route.² On

¹ Minháj-us-Siráj says the Sultán gave him a *نشانۀ سیاه* "a black ensign,"

and *در خاطرش آن بود کہ ولی عہد غزنن بعد از سلطان او باشد*

چون سلطان غازی شہادت یافت. T. N. Calcutta Text, 183. etc.

² The approximate position of this place is Lat. 33° 40', Long 70° 20'. A village of the name still exists to mark the ancient site. Ibn Athir refers to it as *وشگانیا نوم یغال لہم ابغان*, and further *کرمان مدینہ من عزتہ و لہا وور*. Other notices are to be found in Yákut's *Mushtark*, *sub voce*, Elphinstone's *Cabool*, i. 420, ii. 421 (362); H. T. Prinsep, *Journ As Soc. Bengal*, vi. 553; Báber's *Memoirs*, pp. 150-158, Briggs's *Ferishtah*, i. 200, Fieco, *Muhammadian Hist* ii. 309, Masson, *Baluchistán*, etc. i. 114, Wood's *Oxus*, 151; Elliot's *Historians*, ii. 221, 551.

Our knowledge of the geography of this part of the country has been largely increased of late by Major Lumsden's "Mission to Kandahá" (in 1858). His party pursued the direct route from Kohát towards Ghazní as far as Píwan. But little information is given in the report with regard to the particular place now called "*Kirmán*," which appears to be situated off the main line of communication, in a long *darráh* or glen, extending for 15 miles to the W.N.W. between two bold spurs, parallel to the general run of the "*Safid koh* range." The true dominating position of this key of India seems to have been the fort of *Kurram*, *Koosam*, or *Kuwm*, as it is variously written, or *Klam*, as it is pronounced, and here arises a minor question of orthography, and a doubt whether, amid all these various renderings of the name from oral data, the correct etymology is not to be found in the extant "*Kurram*" and the plural *Kurramán* [کرمان] with the double Pushtú *r*, as the term for the whole division, instead of the "*Kirmán*," which is occasionally made use of. We have the generic *Kurram* river for the main stream, and "a tributary known as the *Kurramana*," from the Arakzaí mountain (p. 50), also the district "*Kurram khás*." The omission of the short vowels in Semitic writing, and the imperfection of the system of duplicating consonants, has always caused an uncertainty in the definition of geographical terms, but all the materials in

these moneys he styles himself simply **عبد يلدز**.¹ On his subsequent issues, when in charge of the metropolis of Ghazní, he accommodates his titles to **عبد و مولانا والدین یلدز السلطانی**

the present case go to prove that the surviving local pronunciation should rule in determining the question. On the other hand, the name of the Persian province of *Kirmān*, under which general denominational head this place is classed by the Arab geographers, is itself unsettled and indeterminate, the **کرمی** *Kirmī* "a worm," of the Sanskrit interpreters, is altogether against the Greek *Kapmanā*, or the Latin *Carmania*, moreover, our latest commentators on the Arabic form of **کرمان** cannot pronounce decisively whether it should be transliterated as *Kerman* or *Kirman* (Diet. Geogr. de la Perse C. B. de Maynard. Paris, 1861). The Pehlvi orthography of the official Sassanian coins is **𐭥𐭥𐭥𐭥** where the simple absence of the expressed *e* presupposes the short *a*. The fort of *Kirman*, situated in about 30° 50'—70° 10', some 118 miles by road from Kohāt (p. 51), standing at an estimated height of 6,000 feet above the sea, is described by Major Lumsden "as the residence of the local governor. It is a square mud enclosure, with faces about 100 yards long, having *bulwarks*, or round towers, at the angles and in the centre of each face. There is but one gateway, towards the west, and around the interior of the walls are built quarters for the garrison and a bázár, while a second square, with faces parallel to those of the exterior work, forms a citadel, containing the magazines and the quarters of the commandant, a covered way, and ditch which can be made wet or dry at pleasure, runs all round the works, the latter is crossed by a drawbridge, . . . the thickness of the walls is not such as to resist artillery, although ample to present an insurmountable obstacle to any ordinary irregular Affghán force" (p. 61). The direct route to Kurmān from Ghazní is variously stated by the Medieval Geographers at three or four days' march. We have no account of the intermediate stages, or the nature of the passes, but, even assuming it at four days' journey, the marching must have been good. Lumsden's map would make the distance, as the crow flies, about 82 miles.

¹ J.R.A.S. ix. 380, No. 9 (with the *Karmān* Bull reverse). A binominal coin, without the usual figured device, with ornamental Kufic letters (Ariana Antiqua, pl. xx. fig. 18), shows an advance upon this unpretentious legend to **عبد الملك العظيم ناه الدين**. Similar titles, but omitting the preliminary **عبد**, and in his own sole name, may be seen in No. 8, J.R.A.S. ix. 380. These last coins have the Horseman reverse.

but in either case reserving the place of honour for his sovereign's laudatory designations (No. 23). There are several varieties of these mintages,¹ but the most interesting phase in the history of these viceregal issues, is the production of honorary posthumous *medals* (for such their unusual weight implies them to be), in the *sole* name of the "Martyred" Monarch, some considerable interval after his death (Nos. 20 and 21),² followed by Ilduz's first advance towards virtual independence, still associated with the recognition of the السلطان الشهيد, the *Martyred Sultán*, but marked by the assumption, in his own right, of the titles of السلطان المعظم الشرق, "The great Sultán, Sultán of the East" (No. 23). But the more direct bearing of the monetary arrangements of Ilduz upon the Dehli series, with which we are chiefly concerned, commences when, having been driven out of Ghazni by 'Alá-ud dín Muhammad Khwárizm Sháh, and attempting to establish himself on Indian soil, he fell readily into the manners and customs of the country, and coined *Dehli-dálas*, both in metallic alloy and typical design, assimilated to the prevailing local currencies of mixed silver and copper, whose singular comprehensive range is even now but imperfectly determined. The legends on this particular class of money, though frequently published, have as yet been only imperfectly interpreted.³ They may, however, be safely transcribed as now printed (under No. 24).

¹ J. R. A. S. ix. p. 379, gold, No. 5, xvii. p. 197, silver, No. 42.

² The western tradition speaks of a reserve, on the part of the 'Ulamd, to recognize a slave king, but home testimony disposes of this fiction in the affirmation of the immediate manumission and recognition of Ilduz by Mahmúd, the head of the family and direct heir of Muhammad bin Sâm (T. A. p. 134).

³ Professor Wilson suggested the reading of "Bulbun," A. A., p. 433, but the tenor of the legend and the mere use of *Abdú Faiz*, the special attribute of

No. 20. Gold Weight, 320 grs Size 10. Unique in this *medal* form. B.M. Ghazní, A.H. 603.



لا اله الا الله
محمد رسول الله
الناصر لدين الله
امير المؤمنين

Margin, ضرب هذا الديار سلده
عزته في شهر ربه ناك وستمابه



السلطان الاعظم
معز الدين
الدين ابو المظفر
محمد بن سام

Margin—in four divisions—
containing portions of Surah
lxi 9 Kurán.

No 21. Gold Weight, 96 grs. Size 7. Ordinary current form of coin, but with identical legends. B.M. Ghazní, A.H. 603. J.R.A.S. xvii 196.

No. 21a (No 4, p 14). Silver coins similar to No. 3, pl i., dated A.H. 604 A.H. Col. Guthrie.

the elder Muhammad bin Sâm, would alone determine the association of the coins with the Ghori series, the final ز of يلدز which is frequently omitted, and ordinarily distorted even when defined, is quite obvious on some of the more perfect coins in the British Museum.

No. 22. Gold. Weight, 61 grs Unique. E. I. Collection.
Ghaznī, A.H. ?

Central Area.

Full Surface.

السلطان

السلطان المعظم

الشهد محمد

سلطان الشرق تاج

بن سام

الدنيا والدين

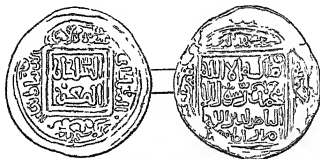
هذا ببلده غـ

يلدز

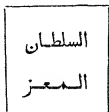
شهور سنة

Abū Rihān, in his *Kānūn*, specially designates Ghaznī as
غزنين دار ملك الشرق

No. 23. Silver. Weight, 108 5 grs. Ghaznī, A.H. 610.
Col Guthrie.



Small square area, with a broad
margin.



عند و مولاً تاج الدنيا و—Margin
الدين يلدر السلطاني

لا اله الا الله

محمد رسول الله

الناصر لدين الله

أمير المؤمنين

ضرب هذا الدرهم (ببلدة غزنه في

شهور سنة عشر وتسماية)

No. 24. Silver and Copper Weight, 55 grs.

The Chohán Horseman in outline, with Ilduz's *special* symbol, "a star," below the horse.

السلطان

المعظم

أبو الفتح يلدز

Legend स्तोहमीरः

السلطان

For engravings, see Prinsep's Essays. xxvi 45, and Ariana Antiqua, xx 9.

Before taking leave of the Ghori connexion with India, it is as well to complete the series by a casual notice of the coins of Mahmúd bín Ghias-ud-dín Muhammad bin Sám, who succeeded on his father's death (in A.H. 599), under the appointment of his uncle, Mu'izz-ud-dín, to the charge of the provinces of Bust, Furrah, and Isfarar. On the great Sultán's assassination in A.H. 602, Mahmúd became the virtual head of the house, and nominally supreme over all the whole array of family slaves, many of whom had now become most powerful and effectively independent rulers in the various sections of the empire.

The general type of execution of these pieces, their die sequence following the coins of Mu'izz-ud-dín (No. 5, *ante*), and the Hindí legends, alike confine them to Indian soil, though it is difficult to fix them to any special locality. The letters of the Sanskrit title follow the models of the Sindí or Punjábí alphabets in the reversal of the lower limb of the ह and the open top of the म. But whether these coins were issued by Ilduz, or by local governors opposed to his pretensions on Muhammad Ghori's death, or even, as is not impossible, minted by Kutb-ud-dín himself, in the outlying districts of Láhor, it would be premature at present to attempt to decide.

No. 25. Silver and Copper. Weight, 48 grs.
Types nearly identical with those of No. 4, pl. i.

The Chohán	السلطان
Horseman	الاعظم
Legend— श्री हंसिरः	محمود بن محمد
	بن سام

Traces of a dotted outer margin, peculiar to the Lāhor coins, are visible on the better specimens. For an engraving of a coin of Mahmúd, see J.R.A.S. ix p. 177. (See also J.R.A.S. xvii. p. 198).

SECOND KING (A.H. 602-607; A.D. 1206-1210)¹

The narrative of the life of Kutb-ud-dín has a more important bearing on the traditional history of India, during the time he continued to act in the capacity of General of Muhammad bin Sâm, in the preliminary conquest of the land, than attaches to his career after he had attained the honours of kingship. From his actual accession, in 602 A.H., till his death, in 607, with the exception of his momentary conquest of Ghazní from Ilduz, but little worthy of note occurred; and the eastern section of the empire remained much in the state,

¹ The exact orthography of the name has, up to this time, remained an open question. Minháj says—وانگشت خضر او از دست شکستگی داشت بدان—p. 138. This passage has been so mutilated in Fershtah's text as to make it appear that he was called by "the name of Eibuk, from having his little finger broken" (Bugge, i. p. 190, see also Elliot's *Historians*, ii. p. 299, and Col N. Lees, J.R.A.S. vol. in N.S. p. 435), whereas it is clear from the passage now given that the **شل** *Shal*, "disjointed," "maimed," is the epithet, and *Al-beg* the real name, derived from the Tárki. آبی "the moon," and **بگ** "Lord." Modern Turkish **بگ** *Beg*.

to which he himself may be said to have brought it, prior to his investiture with the emblems of regal dignity by Mahmúd, the nephew and hereditary successor of Muhammad Ghori.

As I am anxious to compress these preliminary notices of the lives and fortunes of the different monarchs, I append in a tabulated form a concise outline of the more prominent events in which Kutb-ud-dín was concerned, derived chiefly from the Persian text of the work of Miháj-us Siráj, a contemporary historian.—

Appointed to Government of Kohráw (pp 120, 139).

A. H. 587. Captures Mírat and Dehli (A. H. 588, the overthrow of Prtavi Rája by Muhammad Ghori.)

„ 589. „ Koel. (A. H. 590. The Sultán defeats Jaichand of Benares and Kanauj)

„ 590. „ Tangar (Bíána).

„ 593 Expedition against Bhíma deva of Nahrwála.

(Muhammad Bakhtíar Khiljí operates against Behár and Bengal under the auspices of Kutb-ud-dín (pp. 140, 151).

„ 599 Capture of Kálinjar (Táj al Maásir)

„ 602. Proceeds from Dehli to Láhor (in Zil Ka'dah assumes the title of Sultán in form). Contest with Táj-ud-dín Ilduz, and capture of Ghazní, from which he retreats after 40 days' occupation (pp 140, 134-5).

„ 607. Killed by a fall from his horse, at Láhor (Táj ul Maásir)

Kutb-ud-dín, while acting as Viceroy for Muhammad-bin-Sám, naturally issued the money of his government in the name of his master. No. 10 of this series bears signs of being the produce of the Dehli mint, and probably represents the ordinary coins produced under his auspices. The oriental reverence attaching to the right to coin militates at first sight against any inference that Aibek struck no money bearing his own superscription; at the same time, it is possible that his experience in the realities of kingly power,

before he arrived at the nominal rank of an independent sovereign, may have rendered him careless of the mere outward forms of royalty; among which last might well be classed an issue of coin, for the sole purpose of proving the existence of the power of coining.¹

But many other reasons present themselves to account for what is, up to this time, only negative evidence of such abstention, *i.e.* the absence of any single piece, in the now ample modern collections, bearing his name and title. That he was not averse within safe limits to glorify himself, the Delhi Monumental Inscriptions have already shown; that, Vassal as he was, a quasi vassalage was exacted from a fellow general in Bengal, is equally obvious.² But it is evident that a stray and subdued boast on an isolated building in distant Delhi, or an unwritten claim to allegiance from a still more distantly detached commander, whose first equipment was clearly due to his organization, were far less hazardous proceedings than the easily proven treason of coining money in his own name, specimens of which, carrying his obvious condemnation, might have reached his royal master by the very speedy transport of Indian runners.³ When he himself at last ascended the

¹ The coin attributed by Marsden to this king is from the mint of Kutb-ud-din-Mubarak.

² *Tabakat-i-Nasiri*, p. 147, *Tāj ul Ma'āsiri*, in Elliot's *Historians*, ii pp. 332, 366. Some vague rumours of Aibek's want of faith in respect to his full allegiance to his master, seem to crop-up, incidentally, in the local traditions which reached Ibn Batutah in his journeys in the land at so long an interval after the incidents involved (ii. 163).

³ In Persian history, during the Sassanian period, we have a curious example of what coins could do, where it was desired falsely to prove an act of rebellion—nothing more was necessary than to stamp coin in the name of the suspected party.

The origin of this incident was as follows —Bahrām Chobin, the general of Hormazd, the son of Naushirwán the Great, of Persia, after defeating the Turks, under Sabah and his son, near Balkh, sent a portion (one fifth) of the immense

throne at Lâhor, his circumstances do not seem to have been very prosperous; all the available wealth of India had already been concentrated at Ghazni,¹ and he himself was possessed of an exaggerated propensity to Eastern munificence, which earned for him the titles of *Lak Bahsh*, "giver of Laks,"²

booty obtained on the occasion to the king, his master, in whose mind doubts were created by hostile counsellors as to the good faith of Bahrâm in the matter, and harsh measures were contemplated against him, accordingly, to meet this movement, he adopted the expedient of coming money in his distant camp, bearing the name of the king's son and heir, Khusrû Parvîz, who had himself no thoughts of rebellion. These pieces he forwarded in large sums to Madam, and other sections of the empire, a demonstration which directly led to suspicion in the father's mind, followed very naturally by the flight of the compromised Khusrû from the capital into Azarbaijân, and ultimately resulting, after certain intermediate phases, in the absolute dethronement of the reigning monarch.

Tabari's account of the details is as follows —Bahram Chobin—

فرمود با صد هزار درم و دینار بسکه بوبنام خسرو پویز زدند و ده
باررگانان داد تا بدانین بردند و بدان اجناس خریدند چون درم و
دینار در دست مردم برآگنده شد خسرو پویز رسید بر پویز خشم
گرفت و گفت نزدگی من در ملک طمع کرده و چون ولی عهد
بودی چندان صبر نداشتی که من بگذرم و نوبت منو رسد و بمهرام
فرستادی تا سکه بنام بوبکرد

MS Asiatic Society, Bengal. This is not a very first class text, but it is sufficiently intelligible. See also De Sacy, *Mém. Sur Div. Antiquités de la Perse*, 895, Masaudi, French Edition, II 214.

¹ از جواهر در خزانه غریب از یک جسم الماس که نمش نرین
جوهرها است یک هزار پانصد من موجود است دیگر جواهر و
نقدرا برین عباس می باید کرد. p. 125.

See also Briggs' *Ferishtah*, I p. 187.

² بخشش او همه لک لک و کشتن او همه لک لک

Tabakât-i-Nâsirî, Calcutta text, pp. 138, 149, 166.

and *Hátim Sâm*, "a second *Hátim Tái*," which was anything but calculated to leave him an overflowing treasury.

I revert to Muhammad bin Sâm's coinages in order to notice his more peculiarly Indian issues, with reference to their bearing upon the present inquiry. His conquests, it may be remarked, were always associated with an adaptation, more or less complete, of the local currency; hence we find the peculiar type of the *Ghori* Horseman retained in its own locality;¹ the distinctive *Kurmán* outline of the Bull of Siva maintains its identity through succeeding foreign dynasties;² the *Láhor* mintages of Khusrú Malik had already lost their typical emblems, and subsided into the use of simple literal legends in the Persian character;³ but Ajmír, Dehl, Multán, and Sind each preserved, but little modified, a *Tughra* outline of the early device of the first Brahman kings of Kabul,⁴—the Cavalier with the reverse of the *Sacred Bull*, a type which survived in full distinctness at Bamíán to the days of Alá-ud-dín Muhammad Khwárizmi, and in the Horseman obverse descended to Jelál-ud-dín, only to disappear under his Moghul conquerors.⁵ The Indian currencies of the four localities above mentioned varied less in the typical details than in the forms of the alphabet ruling in

¹ No 6, pl 1, also J R.A.S. xvii pp 198, 205

² The *Kurmán* Bull was peculiar, instead of the recumbent posture of the prototype, it is represented as standing up, the legs having a very wooden appearance. The word *Kurman* كُرمان is occasionally introduced on the side of the animal J R.A.S. xvii 205

³ Khusrú Sháh (A.H. 547-555) is the last king who uses the recumbent Bull on the *Láhor* coinage J R.A.S. vol ix. pl iii No 153—Khusrú Malik's coins may be seen in *Ariana Antiqua*, pl xv fig. 16, and J R.A.S. ix pp 373-1

⁴ J R.A.S. ix p 177, Prinsep's Essays, pl. xxv. vol. i p 209, *Ariana Ant* pl. xix figs 1-14

⁵ J R.A.S. ix. plate p. 177, No 23, and pp. 381-2, J R.A.S. xvii. p 203, fig 10, illustrative plate.

each division of the country, and the care and artistic effect of the die execution.

I do not propose to follow these peculiarities in any detail, but I wish to bring prominently to notice that up to the date of the death of Muhammad bin Sám (in A.H. 602) this *Dehli-wál* or *Chital* currency sufficed for all the wants of the Indian population, and that, as far as can be discovered, no money in gold or silver was coined in the newly conquered provinces, with the exception of the equally imitative and ephemeral sequence of Kanauj gold. This circumstance directly brings us again to confront the question as to whether Kutb-ud-dín Aibek really issued coin in his own name? or if he contented himself with the ample circulating media he had already, as local governor, put forth in the name of his Suzerain? Kutb-ud-dín, as has been noticed, was celebrated for his liberality and profusion, and, doubtless, much of the wealth of India had recently gone to enrich the foreign invaders, of every class, quite apart from what eventually found its way into the Imperial treasury. His fellow Sípahsálár in Bengal, Muhammad Bakhtíar Khiljí, seems to have uttered no coin; and we have seen the reserve exercised by Táj-ud-dín Ilduz in abstaining from an independent issue, even to the extent of perpetuating his master's name on the currency long after his assassination. Minháj us-Siráj, writing as a contemporary, has left us a touching little episode in reference to these very matters. He tells us that Mu'iz-ud-dín in speaking, on one occasion, of the failure of his line in default of male offspring, regarded the circumstance as a matter of merely subordinate regret, adding, "have I not thousands of children in my Túrki slaves who will succeed to my kingdoms, and after my death will continue the *Khutbah* (the public prayer) in my name?" And the author goes on to

relate how, up to the date of his own writing in A.H. 658, such respect had been shown to the great Sultán's memory.¹ There is no doubt that the most authoritative historical statements concur in representing that Kutb-ud-dín Aibek did coin money in his own name, but the assertions come only in the conventional association of the right to coin as one of the cherished and sentimental attributes of royalty.² The removal of his court from Dehli to Láhor³ may have had something to do with the non-appearance of money marked

¹ برلقط مبارک آن بادشاه [معزالدين] طاب براد رفت که دیگر سلاطین را یکت فرزند یا دو فرزند باشد مرا حمدین هزار فرزند است یعنی بدگان ترک من که مملکت من مرآت ایشان خواهد بود و بعد از من خطبه ممالک باسم من نگاه خواهد داشت و همچنان شد که برلقط مبارک آن بادشاه عازی رفت که بعد از وکل ممالک هندوستان را تا بغایت تحریر این سطور که سه دهان و خمسین و ستمائه است محافظت نمودند و می نماید رجایفضل حق تعالی

[و غیرد]—Tabakát-i-Násiri, p. 182, Calcutta Text.

² و مدت ملک او از اول فتح دهلی تا بدین وقت سست سال بود و عهد سلطنت او با چتر و خطمه و سکه مدت چهار سال و کسری

بود.—T. N. p. ۱۴۱.

³ و چون سلطان غازي محمد سام طاب ثراه شهادت بافت سلطان غیاث الدین محمود محمد سام که برادرزاده سلطان معزالدين بود قطب الدین را چتر فرمود و لقب سلطانی داد او در شهر سنه انهن

by his name, and the extreme crudity of the very rare pieces of Arám Sháh,¹ with their exceptional Persian legends, might also be taken to imply a disused or unpracticed metropolitan mint, were it not that there is cause to assign these issues to the provincial governments of Gwalior or Kálinjar.

Kutb-ud-dín had so long effectively wielded the powers of king that the death of the Suzerain Sultán made little real change in his position; and holding the essentials, he may well have extended but slight attention to the minor demonstrations and manifestoes otherwise needed for a newly-made monarch. Had Kutb-ud-dín left behind him numismatic records in the higher metals, commemorative of his momentary occupation of Ghazní, in hostile opposition to Ilduz,² which was essentially a contest for kingship, it would have been quite consistent with probabilities; but the absence of purely Indian money bearing his stamp, under all the circumstances now stated, need cause no particular astonishment.

و ستمائے از دہلی عزیمت لوهور کرد و در روز سہ ششم ہر دہم ماہ ذی
العدہ سہ انسن و ستمائے بر تخت سلطنت لوهور جلوس فرمود

T N. p. ۱۲۰

¹ Nos 11, 12, pl 1 The other face of these coins is an imitation of, if not an absolute employment of, a ready prepared die of one class of Muhammad bin Sâms' Hind's money.

² The period extended over forty days.—*Minhâj us-Sirâj*, p 135, Calcutta Text.

THIRD KING (A.H. 607 ; A.D. 1210).

Arám succeeded his father, Aibek; but after a reign, circumscribed in its geographical limits, of barely one year, during which he lost many of the provinces of his nominally inherited kingdom, he was defeated and deposed by Altamsh, at that time governor of Budáon. Minháj-us-Siráj mentions that at Arám's death Hindustán was divided into four principalities—Sind, in the possession of Násir-ud-din Kubá chah; Dehli and its subordinate divisions belonged to Shams-ud-dín Altamsh; Lakhnauti was held by the Khilji chiefs, 'Alí Mardán having thrown off his allegiance on the death of Kutb-ud-dín; and Láhor remained a subject of contention between the rulers of Sind, Dehli, and Ghazní.

No. 26. ¹⁸
(No. 48, Plate I)
Copper, 5·4 grs Very rare. (Kálinjar Mint²)

Obverse, in imperfectly formed Persian letters—

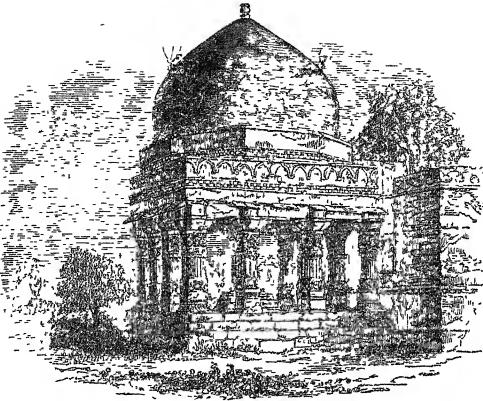
أبو المظفر آرام شاه السلطان

The victorious Arám Sháh, the Sultán.

Reverse—Rude traces of the figure of the horseman, similar to the outline of the device on the Narwar coins.

No. 27. (No. 14, Plate I) Copper.

Obverse—The same as that of No. 26.



PATHAN TOMB AT SEFREE, NEAR GWALIOR.

From a sketch by J. Fergusson, Esq.

⁴ As a general rule, the Pathan tombs are complete examples of the Saracenic style, and show but slight traces of Hindu design. But this was not always the case, for, as in their earlier Mosques, they sometimes appropriated the remains of Jaina architecture to save themselves the trouble of erecting the whole building from original materials. These compound edifices are frequently composed of only four pillars, supporting a small dome; but more generally of twelve, arranged, as the Jaina domes usually are, in an octagon worked into a square, supporting a dome of slightly pointed form.—Fergusson, ii. 654

FOURTH KING (A.H. 607–633; A.D. 1210–1235).

Shams-ud-din-Altamsh, the greatest of the Slave Kings, the slave of a slave: rising, however, to be general and son-in-law to his master, he finally superseded that master's son in the legitimate succession to the throne of Dehli. From

his accession, in 607, with the exception of his victory over Ilduz, who was in possession of Ghazní and other provinces, and an attempt to subdue his own brother-in-law, Kubáchah, king of Sind, his reign was, for some time, comparatively tranquil, and remained, in effect, undisturbed by the threatened advance of the Moguls under Changiz Khán. In 614 he finally overcame Kubáchah, and annexed Sind to the empire. Subsequently the Governor of Bengal and Behár was brought to acknowledge the supremacy of the central monarchy of Dehli, which had been disclaimed by Bakhtíar Khiljí's successors since the death of Aibek. The Sultán was employed for some years in the subjection of those portions of the country which had remained independent, or, having been conquered, had revolted; and, before his death, Altamsh reigned over all Hindustán, with the exception of some few insulated portions. The powers of Muhammadan Sultáns, as rulers, as indeed those of all lordships of Hindustán, from its earliest history, seem to have been most indeterminate at times, and in certain districts, extending to absolute possession of soil and people on the part of the king, and full and perfect subjection on the part of the local governors and those they ruled over; liable, however, at any moment, to endless fluctuations, as the strength of the Sovereign, the power of the provincial Governors, or the spirit of independence of the people rose or fell. In other cases, allegiance confessedly extended only so far as a nominal recognition of supremacy, or even a tacit abstinence from direct denial of such; suffice it to say, that among the multifarious tenures, and the many changes Imperialism was constantly liable to, one general rule of absolutism prevailed—that the length of the sword was the limit of the sway. During the course of Altamsh's reign, he received a diploma of investiture from

the Khalif of Baghdád, a most important recognition to a Muhammadan Sovereign, and one that is remarkable as being the earliest notice taken by the arrogant Court of Baghdád of this new Indo-Muhammadan kingdom.¹ Muhammad bin Sâm, though he adopted the titles of the Khalifs on his coins, did so probably not so much with reference to his Indian dominions as in virtue of his succession to the throne of Ghazní, the monarchs of which dynasty had for centuries been acknowledged as orthodox Musalmáns, and their subjects recognized as part of the flock of the Commander of the Faithful. The Indian conquests constituted, during the lifetime of Muhammad bin Sâm, only a secondary portion of the whole Ghazní empire. Shortly after his death, however, when the Indian provinces were erected into a separate kingdom, they ceased to have any dependence on the rulers of the countries whence the line of their newly installed kings had come. Altamsh died in 634, and was succeeded by his son.

Neither Oriental authors nor Indian moneyers seem to have had any very definite idea of the correct orthography of the name of this king. Waṣṣáf gives it as Alitmish. Rashíd-ud-dín, Mirkhond, and the author of the *Khulásat-ul-Akhbár*, all differ slightly in their mode of spelling the word; and the masters of the Dehli mint will be seen to have been as little critical. The indecision of these last is somewhat to be excused, seeing that the origin of the title in question, in its Túrki form, is still indeterminate. Gen. Briggs supposed that the name was derived from *الشمس* (in modern Turkish), "sixty," which number of *Tománs* he had

¹ "Chems eddín Lalmuch (للمش) i. p. 303 fut le premier qui régna dans la ville de Dihly avec un pouvoir indépendant. Avant son avènement au trône, il avait été l'esclave de l'émir Kothib eddín Aibec."—Ibn Batoutah, iii. p. 164.

once realized in the slave market; but Badāuni gives a very different version of the derivation of the name.

وجه تسمیه بایلتتمش آنست که تولدوی در شب گرفت ماه واقع شده بود و نرکان اینجنبن مولدرا ایلتتمش مگویند¹

OUTLINE OF THE RISE OF ALTAMSH.

(Following the Calcutta Persian text of Minhāj us Sirāj, p. 168, *et seq*)²

Purchased with another Turk, called Aibak Tarughāj, for the sum of 1,00,000 jitals, by Kutb-ud-dīn, at Dehli.

Governor of Gwalior on its capture in 592 (p. 169).

„ of Barn (Bulandshahar).

„ of Budāon.

¹ I have submitted this passage, with the entire range of variants, to Mr Redhouse, in the hope that he might solve the difficulty of the origin of the name. His reply is not conclusive, though its grammatical criticisms may chance to promote an eventual solution of the enigma. "Taking Badāuni's paragraph as text, I may point out that though آى means 'moon,' and توتلمش may stand for توتلمش, 'he took, seized, eclipsed,'—the latter word, in the passive form, توتلمش, 'it was eclipsed,' etc., being always employed to express the phenomenon of an eclipse, as آى توتلمش, 'the moon is or was eclipsed,' آى توتلمسى, 'an eclipse of the moon,'—still the ل of our word is out of the required place. Badāuni's remark may be one of those eastern guesses one so often meets with, and really beside the mark; but taking it as it stands, and weighing also the Sanskrit transcription **चित्तिमितिसि**, I would suggest that the ل has become misplaced by the transcribers, and that the name was really one of the two passive compounds shown above, the و being dropped in writing, as is often found in Indian Turki Lexicons. This would make آیتلمش or آیتلمسى; this latter being nearer to the Sanskrit transcription, and to the Persian **گرفت ماه**, viz., *dy-tutulnasi*, 'eclipse of the moon.' To be correct, this should be written in two words آى تلمسى, and more correctly still, with a و, as آى توتلمسى."

² See also Elliot's *Historians*, II. 322, etc

SUMMARY OF THE EVENTS OF ALTAMSH'S REIGN.

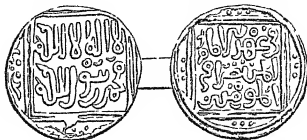
- A.H. 607. Accession. Táj-ud-dín Ilduz sends him, in delegated sovereignty, a چتر و دوبراش (Umbrella and Baton). Násir-ud-dín Kubáchah disputes his title to Láhor, Tíbarhind, (Sirhind), and Kohráh.
- „ 612. Táj-ud-dín, driven into Hindustán by the Khwárizmis, is defeated, captured, and imprisoned at Budáon, where he died, as his tomb testified
- „ 614. Násir-ud-dín Kubáchah defeated. Government of Lahor confided to Násir-ud-dín Mahmúd, the heir apparent.
- „ 618. Jelál-ud-dín Khwárizmi, defeated by Changíz Khán on the Indus, attempts to establish himself in Hindustán, but is forced to take refuge in Sind.
- „ 622 Altamsh proceeds to Bengal, and receives the submission of Ghíás-ud-dín Khuljí.
- „ 623 Rantambhor captured
- „ 624 Mandor (in the Siwálk Hills) captured.
- „ 625. U'chh surrenders Násir-ud-dín drowns himself at Bhakar (pp 144, 173)
- „ 626 (In Rabí-ul-awwal) the Emissary of the Khahf Al Mustansir arrives at Dehli.
- „ 626 (Jumád-ul-awwal) News of the death of the Sultán's eldest son, Násir-ud-dín Mahmúd, reaches the capital.
- „ 627. Disturbances in Bengal in consequence 'Alá-ud-dín Jání appointed to Lakhnauti (p 174).
- „ 629 Siege of Gwahor: captured, in Safar 630, after eleven months' resistance
- „ 631-2. Expedition to Málwa, Bhilsa,¹ and Ujain
- „ 633. „ towards Multán
- „ „ (20, Sh'abán), Altamsh dies.

¹ The Butkhána, the work of 300 years, noticed, its partial destruction, etc

No xxviii.

Silver. Weight, 149·7 grs. Very rare. Col Guthrie.

(Prinsep coin. B.M. Weight, 164 grs.)



OBSERVE.

Square area.

لا اله الا الله

محمد رسول الله

Margin, ornamental scroll.

REVERSE

Square area within a circle

فى عيد الامام

المستنصر امير

المؤمنين

Legend obliterated.

I had, from the first, supposed that these exceptional coins were primarily designed to mark the occasion of the arrival of the Khalif's diploma, recognizing the new Muslim Empire of India—at Dehli, on the 23rd of the first month of A.H. 626; but the absence of any date on the single specimen I was able to quote in 1846, and the uncertainty with regard to the period of issue of the pieces giving the full and complete titles of the Sultán, made me hesitate to assume that these coins, bearing the sole and isolated name of the reigning Khalif of Baghdád, constituted the veritable commencement of the silver coinage of the Dehli Patháns. I now advance the idea with more confidence, not only on the ground of the absence of all examples of any local silver pieces anterior to A.H. 626, but upon the relative testimony of the writers of the day, as I observe that Hasan Nizámi,

the author of the *Táj-ul-Maásir*, refers his money values nearly exclusively to *Dilliwáls*, while *Minháj-us-Siráj*, who had more extensive and later experiences, reckons his totals in *chitals* and *tankas* of silver (pp. 162-4, 316). The *Chitals* I conclude to be merely a continuation of the old *Hindú* *Dehliwáls* under the more popular and less exclusively metropolitan name, without however accepting any necessary identity between the palpable coins and the money of account.

It is quite true that the *Táj ul Maásir* alludes to *Dirhams* and *Dinárs*,¹ but these were the names of the current coins of the conqueror's own land, and their mention was merely conventional, and in no wise designed to mark any fixed variety of piece, as may be seen from the contemporaneous reproduction of the gold currency of Kanauj (No. 17) in the full traditional fabric and intrinsic value of the locality to which it belonged. Moreover, it may be seen how distinctly the *Tanka* was the accepted and recognized term in India, by the fact that the great Mahmúd of Ghazni, while continuing to make use of the ordinary mint designation of *Durham*, in the Kufic legend, of his new Láhore coinage of "*Mahmúdpur*,"² admits the corres-

¹ Hasan Nizámi says, for instance, in reference to the occasion of the capture of Beames by Muhammad bin Sâm, that the face of the *dirár* and *durham* was adorned with the name and blessed titles of the king (Elliot's *Historians*, II, 223). And again, on Kutb ud din's accession, "From Peshawur downwards the public prayers and coinage of *diráms* and *durhams* throughout the whole country, full of rivers, received honor and embellishment from his name and royal titles" (I, 236).

² Albrúni, M. Renand's *مَسَدُ هَوَكُورُ قِصَّةُ لُوهَاوُرُ* Fragments, pp. 88, 114, Albrúni, MS. *Kánún* *مسد كماور* Sir H. Elliot's copy, *Elliot's Historians*, I, 62, MSS. *Bashahr* *مسد ككور*, variant *ككور*, Sprenger's Map, No. 13 *مسد ككاور*, Post und Reisenoten des Orients, Leipzig, 1864; Juynboll, *Lex. Geo.* *مسد ككور*, Dozy *مسد ككور*.

These coins have such special claims upon our attention, under many varied

ponding word टंक *taka* (or टंक *tanka*) in the Sanskrit legend on the reverse.

aspects, that I transcribe the latest revised version of the legends, and reproduce an illustrative wood-block of the Hindi face

Silver. Size, $4\frac{1}{2}$, weight, 45.4 grs Struck at Mahmūdpur, A.H. 418, 419.

OBYERSE

अव्यक्तमेक

Abyaktamek.

सुहम्मद अ

Muhammad A—

वतार नृप

vatār Nripa—

ति महमूद

ti Mahmūd.

“The invisible (is) one

“Muhammad incarnation

“King Mahmūd ”



REVERSE.

القادر

لا اله الا الله

محمد رسول الله

يؤمن الدولة

وامين الملك

محمود

بسم الله ضرب هذا الدرهم

بمحمود پور سنة ثمان عشرة

واربعماية

Margin—अव्यक्तीय डामे अयं टंकं तता महमूदपुर संवती ४१८

Abyaktiya dāme ayam tankam tata Mahmūdpur Samvati 418

In the name of the invisible (B'ismillah) this tanka, thus [corresponding with the Arabic ب, Persian ب “m”], (struck) at Mahmūdpur, Samvat 418

Other examples, with the Kufic date of 419 A.H., vary the marginal legend as follows.—

अयं टंकं महमूदपुर घटे तता जिकीधर संवती ४१८

Ayam tankam Mahmūdpur ghatē tata jikīdhara Samvati 419

This tanka struck at Mahmūdpur then [in] the victorious Samvat 419.

I do not attempt either to correct the orthography or endeavour to reconcile these vernacular transcripts with the demands of Sanskrit grammar. It is obvious that—as is the case with records in the areas—the local legends on the margins are intended to be reproductions of the ruling Kufic context, as such, the Hindi version may be said to have its intentional meaning already declared. The singular orthography of डामे for नामे and तता for तथा, which even thus amended is scarcely intelligible, as well as the somewhat forced meaning that

In consecutive accordance with this suggestion of an

has to be applied to घटे, are all open to criticism, and still more so is the rendering of जिकीयेर as victorious; but the जि is in its fit place, and there are many inflexions of झ *keri*, "to do," क्रिया "an act," *Hindustani* کرنا "to do" (کرا *kryd*, "done," etc.), which might fall in with the present loose conditions in so popular an expression as "Victorious Samvat." An association which is the more natural, as this particular type of money seems to have been introduced for the purpose of marking Mahmūd's final triumph, in getting possession of Lāhōr, a conquest which was not achieved so early as has usually been supposed.

On previous occasions, when I had fewer specimens to depend upon, and none that gave the written *Kufic* counterpart of the *Hindī* figured date for 418, I read the unit figure as २ = 2. I now see that it is in effect an oddly shaped ८ = 8, and that the 9 is formed, like many of our modern figures for the same number, by an addition to the 8 itself, thus ९; the ४ is the ordinary form, and the ९ follows the proper Kashmiri outline of that figure. The *Kufic* dies for these coins must have been entrusted to a first-class artist, for they are uniformly excellently fashioned and correctly marked in the details, whereas the legends on the *Hindī* face of the coinage vary considerably in their execution, and the orthography and the forms of the characters themselves are crude and uncertain in the extreme. Nevertheless these brief records contribute several valuable indications of the advance made in the Sanskrit palaeography of the period.

The derivation of the term *Tanka* is uncertain, Erskine (whose note on the subject is appended) supposed that it came from the Chaghatai Turki for *white*, but this is scarcely probable. The word may have been of Tāmān origin, very early identified with Indian speech, we have it in various forms in the modern vernaculars. Wilson remarks that *tahā* is "in all the dialects lately used for money in general," as *tankā* is "a stamped coin in general, but the latter word also meant a weight of silver equal to four *māshas*. In Telugu, *tankam* is "a coin formerly current, but now used only in account, equal to four silver *fanams*. There was a gold *tankam* and a copper coin similarly named, both obsolete. Hence, we have टङ्कशाला *tanlasālā*, "a mint," but, on the other hand, we have टङ्क and *tanka* (Canarese), *tincal*, "Borax," which may re-associate the term with "white." Erskine says, "It may be added, that the word *tanka* or *tanga* is of Chaghatai Turki origin, being derived from *tang*, which in that language means *white*, having the same origin as the asper (from *leucos*, white) of the modern Greeks, the Ak-cha of the Osmanli Turks, the *idari* of the Mingrelians, and many other monies, all originally signifying *white* (Josa fa Barbaro in Ramusio, ii 96). The *teng* of Khwāzizm would appear to have been worth the fourth of a crown (Astley's Voyages, iv 484). At the present day in Persia the *tanga* seems to be worth only 6*d*. (J. B. Fraser, Travels in Persia, p. 81)"—Erskine's Hist India, i 546 "21 *tungas* = *tilla*, or 1*ls* 9 097*d*." (Bokhāra Money Tables, J. A. S. Bengal, vii 898. On the other hand, Vambéry gives a totally different word for "white" in Chaghatai, keeping the تنگه *tenge* to the simple meaning of "Monnaie d'argent." The Russian ДЕНЬГИ *Dengi*.

initial era for the purely Muhammadan coinage of the new Delhi empire—incident to hierarchical recognition from the Court of Baghdád—there follows naturally an explanation of what has heretofore constituted a difficulty in determining the application of the titles of *Khālf* and *Amīr ul Muminīn*, expressed in *Hindī* characters on certain classes of *Dehliwāds*,¹ which are now seen to refer to the “Commander of the Faithful,” whose fame extended throughout the Muslim

¹ The primary intention of the words **श्री हम्मीरः** *Śrī Hammīrah* occurring on the newly adapted currency of the local Sovereigns of India (Nos. 5, 10, 11, 12, etc.), has been the subject of controversy since the first publication of specimens of these pieces by James Prinsep, in the *Journal of the Asiatic Society of Bengal* for 1835 (vol. iv. pp. 679–682, the original text of which is reproduced in his *Essays*, vol. i. pp. 305–310). Prinsep himself was disposed to identify the name (as he supposed it to be), with that of the Hamīra of Mewar, who succeeded to the throne in A. D. 1300. Prof. Wilson, on the other hand (*Asiana Antiqua*, p. 432), imagined that the designation belonged to the “Hamīra of Hānsī, in the time of Prithvī Rājā” (p. 60, *infra*). My own early impressions induced me to infer that the title was intended to replace the conventional *Amīr al Muminīn*, so constant on the one surface of all orthodox Muhammadan issues (*J.R.A.S.* ix. (1846), p. 191, Prinsep’s *Essays*, i. 331, Elliot’s *Historians*, ii. pp. 8, 428). This conclusion was contested by Sir H. Elliot and General Cunningham (Elliot’s *Index* to the *Muhammadan Historians of India*, published at Agra in 1849, p. 152), and formed the subject of a second Note by the former, written many years ago, but which I considered it my duty to publish exactly as it was found among his papers, unaltered and uncommented upon (Elliot’s *Historians*, ii. 403). In now reviewing the whole question, under the new evidence, in its varied aspects, that has been imported into the inquiry by coins, inscriptions, and the large accession to directly contemporaneous history, I have no hesitation in surrendering my early theory. Much of the incidental testimony latterly brought to light, and which seemed, at first sight, calculated to support the identification with the titular designation of the *Khālf*, when examined more closely is found to admit of a directly contrary interpretation, as I myself had suggested in 1858. I allude especially to the appearance of the term **षलीफ** *Shalīpha*, which succeeds to the exact position on the coins previously occupied by the *Śrī Hammīra*, and to the altered aspect that coincidence bears, when taken in connection with the more clear and emphatic definition of the title of the Pontiff, at a more opportune moment, under the improved orthography of “*Śrī Amīr alim*,” etc., above described.

The coin No. 18 definitively connects the prefix *Śrī Hammīra* with Muhammad bin Sām, and the Pālam Inscription (*infra*) conclusively determines the continued

world, even to the Delta of the Ganges.¹ The earliest pieces of this description, which were designed to convey to the subject races of Hindustán, in the letters of their own speech, the title and designation of the supreme Pontiff of their conqueror's faith, bear on the one face, above the conventional horseman of the first Brahman kings of Kábul the words श्री षलीफ *Sri Shalípha* (Khalífa), and on the other surface, distributed around the Bull of Siva (whose image has nearly disappeared in the interwoven lines of the later *tughras*), the curtailed legend श्री अमीरलिम . . *Sri Amír alim* . . , an apparently crude reproduction of the Arabic أمير المؤمنين. To these, again, succeed, in due order, the coins of similar fabric issued during the reign of Alá-ud-dín Mas'aud,² which retain the षलीफ *Shalífa* on the one side, while the more ample title of the "Chief of the Faithful" is replaced by the King's own regnant designation, following, in so far, the practice of his grandfather, who had very early superseded the exclusive mention of the ruling Pontiff.

To complete the evidence of the intentional use of the title of the Khalif on the lower coinage, I am now able to quote the record of Mustansir's name in Hindi as the counterpart of the Arabic definition of his designation and official recognition on the Silver Coins, No. 28.

use of the royal title of *Shi Hamba*, in its application to the then reigning monarch in contradistinction to the various honorary epithets associated with the names of his predecessors. And, on the other hand, the seeming anomaly of the indifferently employment of the higher and lower titles of *Sultán* and *Amír* is found to be sanctioned by historical usage from the times of Mahmúd of Ghazni and his son Mas'ud. See *Albani* (Renaud's Fragments, pp. 135, 151), *Bahakí*, *Elliot's Historians*, II. pp. 65, etc.

¹ Coins of Násir-ud-dín Mahmúd *Sháh* of Bengal, and numerous specimens of the Lakhnauti mintage of Buziáh—Plate 1 No. 27 of this work, and Initial Coinage of Bengal, pp. 38, 42, and coin 28 *supra*.

² Prinsep's *Essays on Indian Antiquities*, vol. I. 332; *Elliot's Historians*, II. 248.

The Khalif Mustansir billah.

No. xxviii*a*. Copper. Weight. 53 grs. My cabinet.No. 28*b*. Copper, with a small proportion of silver. General Cunningham. Two coins. Weight, 52 grs. *

HORSEMAN.

BULL.

श्री षलीफः

: म . . मुखसिर वल्ल

Sri Shaliphah.

. . . m . . Mustansir billah.

These legends are very imperfect, and have only been restored from the three specimens cited above. The compound letters मुख, *must*, are palpable and unmistakeable on two coins, and the सि *si* is legible on both General Cunningham's examples; the concluding वल्ल is so far conjectural that the ल alone is positively apparent on one coin; and what I have given as र *r* may perchance stand for the short *i* in billah.

Shams-ud-din Altamsh.

No. xxix. (New variety. No i. Pl. vii.) Col Guthrie Silver.

Weight, 158 grs A.H. 632.

Circular area

Square area, double lines.

لا اله الا الله

السُّلْطَانُ الْمُعْظَمُ

محمد رسول الله

شَمْسُ الدِّيْنِ وَالِدِيْنِ

المستنصر بامر الله

أَبُو الْمُظْفَرِ النَّمِشِ .

أمير المؤمنين

السُّلْطَانُ نَاصِرُ أَمِيرِ الْمُؤْمِنِيْنِ

Margin—اثنى وثلاثين وستمائة

Margin, four small scroll ornaments.

No. xxx. (No. 13, pl. 1.)

Prinsep collection. B.M. Silver Weight, 163 5 grs.

Three new specimens, weighing severally 150', 160', and (an oxydized coin), 145 grs. Col. Guthrie.

Legends similar to No. 29, with the exception of the الأعظم "the greatest," which replaces the المعظم "the great," of the former. Many of these coins concur in the faulty rendering of the real

name of the Khalif *المستنصر بالله* Al mustansir *billah*, by *بامر الله* *b'amr Allah*. The place of mintage is illegible, but two specimens retain traces of an imperfect date, thus *سنة ثلثين . . . في شهر*.

No. xxxi. Silver. Weight, 168·5 grs. A H. 632

OBVERSE as No. 30, omitting the *Násir Amir Al Muminin*.

REVERSE as No. 28. *Square* area.

MARGINS, alike on both faces,

ضرب هذا القصة في . . سنة اثنى وثلثين وستماية

The fourth trial-piece of Altamsh seems to have satisfied the mint authorities, and to have been officially adopted as the standard monetary type of the Indian Empire, and as such continued to be issued in the same form, and with but slightly varied legends, by the kings who came after him, in unbroken sequence, for a period of more than ninety years. The gold coinage, which makes its appearance later, is clearly framed upon the same model, being identical in weight and design, though necessarily slightly reduced in bulk. Such of Altamsh's silver coins as have reached us are obviously of impure metal, an imperfection to have been expected in the issues of a newly organized mint, but his successors very early secured a high degree of fineness in both the gold and silver coinages—indeed, as far as the metallurgical science of the day extended, they aimed at absolute purity. The real pervading currency of the realm, however, obviously consisted of the time-honored, and widely dispersed *billon* money, and the subordinate copper pieces, which the Muslims inherited with their new dominions from the local princes. In addition to the continued issue of but slightly modified types of Dehliwáls with the traditional Bull and Horseman device, Altamsh introduced abundant varieties of small change. I need not recapitulate

the minor peculiarities of these novelties, though many of them are now for the first time published; but the incidental gradations of the Hindī legends on some of the provincial currencies illustrate, in a curious degree, the slow progress of the effective conquest of, or real submission by, the native dynasties, and occasionally disclose an inconveniently premature boast on the part of the historians of the invading race. One of the most instructive series, in this respect, is the coinage of the heads of the Rajput nationalities, whose feudal attachments and heroic contests have been embalmed in the bardic chants of their own tribes, and whose folk-lore and traditions have been garnered up and enthusiastically commented on by Col. Tod,¹ who so truly identified himself with the home life and familiar institutions of these peculiar races. Our knowledge of the more essentially antiquarian remains, extant inscriptions, and legendary history of some of the older states of Rājputāna has lately been materially advanced by the patient investigations, traced site by site, and the resulting comprehensive archæological reports of Gen. Cunningham, addressed to the Government of India; the best testimony of my appreciation of which is expressed in the numerous extracts and references incorporated in the following pages.

The coinage of northern India, as we have seen, at and prior to the invasion of Muhammad bin Sām, consisted of *Billon* money, of a type imitated from the less alloyed *Silver* coinage of the Brahmanical kings² of the Punjāb,

¹ *Annals of Rajasthán*, by Col. J. Tod, London

² Al-Bīrūnī uses the words *وزيرة من البراهمة كلر* and *براهمة سامند*
The *Jām'ī al Tawārikh* has *من البراهمة سامند* which certainly seem to

whose early seat of government had been located at Kábul. Albírúni's account of this dynasty, and the resistance offered by its later members to the advance of the great Mahmúd of Ghazní, concludes with the narrative of the extinction of the race in the person of Bhíma Pála in A. H. 416 (A.D. 1025). Whether Albírúni has preserved the full and continuous succession in the eight names he enumerates is doubtful; but it is clear that there is a break in the terminology between the four leading names on his list and the designations preserved in the second division, while the variation in the nomenclature at their point of juncture, coupled with an apparent cessation of coinage on the part of the leading kings of the second period, seems to indicate the indirect accession of a more southern and definitively Rájput race, unaccompanied by any such overt rupture, or dynastic revolution, as should reach the comprehension of a stranger to local tradition or the unwritten law, which so readily accepted the most powerful king for the time being, as the Suzrain *Mahá rája*, wherever he might be domiciled, or whatever sectional creed he might choose to reserve for his own private conscience. I was originally under the impression that the coins of *Anangpál* and *Sallahshānpál* (Nos. 32, 33, *infra*) belonged to the sixth and seventh kings of Albírúni's consecutive series, supposing that, the one name being *identical*, the other might represent the designation of his successor, so strangely perverted by the Muslim writers into the many varying forms of M. Reinaud's "NARDAJANPÁL." I am now, however, disposed to transfer the pieces bearing the epigraph of "*Anangpál*" to the king of that name, who

point to absolute casts in contradistinction to mere creed. The Türk kings were Buddhists.

completed *Lāl Kot*, and reedified *Dilh*, about the middle of the eleventh century;¹ and, while seeking a new owner among the closely contemporary sovereigns for the coins of *Sullakshanpāl*, to restore to the second *Jaipāl* the tribal prefix of *Tuār*.² The general style and fabric of the mintage of Anangpāl remove them, in a marked degree,

¹ "In Mewar is *Samar Sing* who takes tribute from the mighty. . . In the midst of all, strong in his own strength, Mundore prince, the arrogant *Nahar Rao*, the might of Maroo, fearing none. In Delhi, the chief of all *Anang*, at whose summons attended the princes of Mundore, Nagore, Sinde, Julwut, and others on its confines, Peshawar, Lahore, Kangra, and its mountain chiefs, with Kasi, Prtag, and Gurh Deogir."—From "Chand's" *Chronicle*, Tod's translation, i. 224 "The author adds, the Chohans of Ajmer owed at least homage to Delhi at this time, although Beesul-deo had rendered it almost nominal, and to Soméswar, the fourth in descent. Anungpal was indebted for the preservation of his supremacy of his kingdom against the attempt of Kanauj, for which service he obtained the Tuar's daughter in marriage, the issue of which was Pirthi Raj, who, when only eight years of age, was proclaimed successor to the Delhi throne. Jechand of Kanauj and Puthi Raj bore the same relative situation to Anungpal, Beesupal, the father of the former, as well as Soméswar, having had a daughter of the Tuar to wife" i. p. 225.

² M. Reinaud and Sir H. Elliot have collected together numerous variants of the initial portion of this name, as it appears in the different Arabic and Persian MSS. General Cunningham has also quoted many possible readings of the Persian letters forming the name of *Bydah*, the King of Sind, of Mas'audi, in illustration of which he contributes three several Hindi versions of the name of *Tuār*, viz., **तौमर**, **तौअर**, and **तुवार**. Colebrooke gives some eight variants of the authorized orthography of the name of Chohán, and nearly as multifarious a list of the Hindi versions of the name of Delhi (Transactions of the Royal Asiatic Society, 1827, i. 137) See also *Momirs of Racc's N W P*, Sir H. Elliot (London, 1859), i. 63, and ii. p. 294, where he quotes the well known passage—

पाहले दिहली तूमर पीछे चौहान

और पीछे मोगल पठान

"First in Delhi was the Tamar, then the Chauhan,
And afterwards Mogal and Pathan "

Of course, if this interpretation of the prefix to the second Jaipāl's name is to be accepted, we must either surrender the previous suggestion that the great Jaipal was a *Bhatti* (J.R.A.S. xi. p. 184, Elliot's *Historians*, ii. 426, 440, Tod, i. 251), or else adopt a not improbable alternative, that Rājput Princes had

from the category of the more finished monetary specimens of the first section of the Kábul dynasty, even as their treatment in *tughra*, size, and metal approximates them to the more purely Indian currencies of the later epoch. The absence of any coins of Jaipál I., Anandpál I., *Tudár* Jaipál, or Bhímpál, need scarcely create surprise, now that we have learnt from Mahmúd's own historians¹ what a life he led these later representatives of the ancient dynasty; so that, when Bhímpál retired to his last stronghold at Kangra,² he had already become but of small repute in the political comity of the Rájás of northern India.

Abú Rihán Al Bírúni's list of the Brahman kings of Kábul and their Indian successors is as follows: After Kank, كَنَك,

family designations indicative of the *Got* or tribe of the mother. I am not at all sure that such a supposition would not go far to explain the difficulty environing the name of "*Gola*," which has been made into "slave" (Tod, i 170), "natural son," etc. etc., but which would more reasonably answer to some of the vernacular renderings of "*Gehlote*," ("Somewara, originally called Prithvi Raja, was a *Guhila* by the mother's side"—Cunningham, Arch Rep p. 14), equally as some of the prefixes to *پور حنبال* *Pur Jaipál* and "*Pérou Hibal*" (Elliot, ii 47) may chance to accord with the classical *Priamar*. The Muhammadan authors seldom specify, and probably but imperfectly roahsed the gradations of Hindu castes, but the Táji ul Maásin, in speaking of the investment of Kálmjar in A. D. 1202, mentions that "the accused *Pamú*, the Rái, fled into the Fort," etc. (Elliot's *Historians*, ii 231, and p 228 *Rái Solankh pdi*, of Gwahor, A. D. 1196). Panhár dynasty at Morwa from A. D. 1129, "the last Panhár Raja," escapes from *Gwahor* in A. D. 1232, on its capture by Altamsh (Cunningham, Arch Rep 1864-5, p. 29). The Panhár dynasty of Gwahor extended from 1228 A. D. to the final capture in 1232 (pp. 50, 51, *ibid*). Of course, these are merely suggestive speculations, but it is clear from the numerous quotations concerning tribal divisions among the Rájputs preserved by Col. Tod, that the *Gotam* distinction would be as likely to be kept prominently in view among individuals as among the clans themselves. In referring to an earlier period, Col. Tod enumerates the contingents furnished from each State, "from Ajmir the *Gor*, Dohh the *Tiar* Putun the *Chawura* Rydhur, Kanauj the Rahtor, Jesulgurh the *Bhatti*, Lahor the *Boosa*, and from Nadolaye the *Chohan*" i 248

¹ Elliot's *Historians*, ii. pp. 19, 22, 24, 33, 47, 50. ² Elliot, ii. p. 34, 48.

“the last of the Kutúrmán kings,” come, in succession, the Brahmins—1. Kalara, کَلَر; 2. Samanda, سامند; 3. Kamhā, کملو; 4. Bhīma, بهیم; 5. Jaipala, جیپال; 6. Anandapala, انندپال; 7. Nardajanapala, نردجنپال; 8. Bhīmapala, بهیمپال.

I subjoin notices of the coins of such of the Indian kings as are connected by similarity of types with the later members of this dynasty. A summary of such pieces as can be attributed with any confidence is subjoined.

No 1	Tuar.....	Anangpāla of Dehl	.....	A.D. 1051—1081.
2	Chandel..	Sallakshanpāla of Mahoba	.....	A.D. 1085—1105.
3	Ditto	Madanapāla of ditto	.....	A.D. 1130—1163
4	Chohān...	Someswara of Ajmīr.....	..	A.D. 1167—1169
5	Chohān...	Prithvī Rāja of Ajmīr and Dehli,	A.D.	1176—1192
6	Chāhar Deva of Ajmīr	.....	A.D.	1234—1254 ³

¹ I may as well reproduce the latest revised readings of these names, as obtained from the coins.

^a A king of the old dynasty, with the Elephant and Lion device, श्री वेर्क देव *Srī Verka deva*.

Kābul dynasty—1. श्री खलपति देव *Srī Syala pati deva*. Arabic equivalent of Al Bīrūnī (revised), بىرونى. The name of Syala seems to be connected with the Syala Jāts in the Punjab, Syālkot, etc. 2 श्री समन्त देव *Srī Samanta deva*. سامند. 3. श्री खद्वयक: *Srī Khvadavayakah*. کملو. (The initial in this name might possibly be read as ख *sv*. The interchange of *ss*, *sys*, with *ks* and *ka's* is unlimited. The letter, on the other hand, may possibly prove to be an अ *a*, as a very similar outline is given to the indubitable अ *a's* on some of the Indian coins of Alā-ud-dīn Mas'ūd, मसूद.) 4. श्री भीम देव *Srī Bhīma deva*. بهیم. To show how early the Muhammadans began to trespass



upon the royal stamp of the Kābul kings, I annex a cut of a coin of Mas'ūd of Ghazni, with his name in Kufic letters (مسعود) clearly legible above the horse's head. Mr. Bayley, who owns this piece, has a similar specimen bearing the name of Muhammad (محمد), Mas'ūd's

brother and predecessor on the throne of Mahmūd.

² M. Remond, *Fragments Arabes et Persans relatifs à l'Inde* Paris, 1845

³ There are four novelties in this series, the names of which can be but im-

No. 32.

1. Ananga pála deva.

Silver and copper. Weight, 48 grs (Ariana Antiqua, xix. 15 ;
J.R.A.S. vol. ix, illustrative plate, figs. 9, 10)

Horseman.

Bull.

श्री अणंग पाल देव

माधव श्री समन्त देव

*Srī Aṇaṅga pála deva.**Mādhava Srī Samanta deva.*

perfectly read and for which we are unable to find positive identifications. They
may be tentatively transcribed as follows —

No 1

(Three coins) J R A S ix figs. 17, 18

Horseman—श्री कीर्ति . देव

Bull— . पाल श्री सम .

*Srī Kīrti Deva.**Pāla Srī Sama .*

No 2. (One coin only)

पिठिम्ब देवः र . .

असावरो श्री समन्त देव

*Piṭhumba Deva, Rāja ?**Aśavari Srī Samanta Deva*or *Piṭhumba Deva*

[पिठाम्बर

Piṭhambur]

No. 3 (Three coins.)

श्री पीपल राज देव

Ditto

*Srī Pīpala Rāja Deva,*or *Pīpona Rāja Deva,*

There was a Pipanjar Rāja, a Khichu Chohán, a contemporary of Prithvi Rāja.



No 4 Silver and copper (Three coins) Gen. Cunningham a. Mr. Bayley
My cabinet b.

BULL

HORSEMAN

श्री कल्ह देव

Legend illegible

Srī Kalka deva ?

On the saddle cloth of the Bull

لَا "light"

This last coin differs materially in the details of the design from Nos. 1, 2, 3,
and offers the peculiarity of giving the name on the Bull Reverse, as in the in-

In some of the more finely executed coins there are traces of the word
 राजा *Rājā* after the *Anangapāla deva*. The introductory title on the

trochetral series, instead of over the Horseman on the Obverse, as is usual on the later imitations. The outline of the Bull itself is comparatively archaic, following the treatment observable in the coins of Bhīma (A. D. xix 9, 17) and which I should, on other grounds, attribute to a Kangra or proximate site. The Hindi writing is comparatively more formed and developed than is usual on the kindred pieces, but the execution of the Kufic letters denotes an early period, and the monogram of *مسلم* associates the issue indirectly with the coinage of Mas'ūd III of Ghazni, who affected the title of *مسلم الملك* (J. R. A. S. ix 367, and coin No. 6733), and occasionally placed the abbreviated *مسلم* on the top of the field on his silver money. But the connexion is more directly established by the fact that I am able to quote a small coin of Mas'ūd III with his *full* title in Kufic on the obverse, combined with the identical *مسلم* on the *Jalī* of the Bull. Mas'ūd III. (A. D. 492-508), it will be remembered, was the first of his race who occupied Lāhor as an occasional capital, and whose generals attempted to aim the country towards the Ganges.—Nāṣir, p. 21. Ibn Asir, x. p. 353; Briggs, i 113. Elphinstone, 365.

As the Hindi Inscription, which may chance to illustrate some of the doubtful names above transcribed, is but little known, and but imperfectly accessible to modern readers, I append an abstract of its leading historical sections.

INSCRIPTION FROM *ΠΙΛΙΚΙ* (copied by Captain F. Fell, from a stone in the Fort)

1. Salutation to Dev, etc
2. The Prince Prithvi Raja was born in the race of the descendants of the moon. His maternal uncle was named Kirana, an increase of his fame.
3. He was as an autumnal moon, for an ornament to that firmament, the tribe of Gūhilaṇḍa, etc
4. Having slain the warrior Hammira ["Hamvira," or Amir, according to Wilson, p. 406], who was an arrow to the earth, the king, who was a serpent to the riches of his enemies. . . presented to him, possessing pure virtues, the strong fortress of *Kṣikī*.
5. Having, for the purposes of battle, entered the lofty-peaked fortress. . . Travellers describing a celestial, and highly finished road, which he (Kirana) had made, and which resembled the very heart (best part) of the earth, thus exclaimed, "Oh thou hero Hammira, where now is thy name and majesty."
6. By new revenues, arising from his victories, first the high road was finished, near it were two lofty buildings made of copper, etc., and also an apartment for the wealth of his enemies. . . .
7. But what can be said of the greatness. . . of the fortunate Kīlhana, divinely seated, broad-chested, strong-armed, whose festivals are far-famed. . .

Bull surface of these coins varies from the *Mādhava* (a synonym of *Krishna*), to the biliteral चा *cha* and the more ample असावरी *Asawarī* (a title of *Durgā*).

9. Oh thou hero! Hanuman thus writes, "that you possess wonderful valour, and that without a doubt the illustrious prince Pithuvi Raja is Rāma."

10. Being born in the line of Gululanta, etc.

11, 12, 13, 14 [conventional glorifications, etc.]

15. And, again, Kilavalha, born in the tribe of Tāda, an image of strength, and a slayer of the armies of all his foes (was) a bee to the lotus feet of the fortunate Kilhana his son Upaga was called on the earth Lakshmana

16. He was an excellent sage, and by his devotion obtained the abode of the three-eyed god. This fortunate Lakshmana was always the chief of those composed minds.

In the year of Sambat 1224 (A.D. 1163), on Saturday, the 7th of the white fortnight, of the month of Māgha—"As Res xv (published in 1823), pp. 443-6, 455.

Col Tod has published, in the first volume of the Transactions of the Royal Asiatic Society (1827), "the substance" of this identical inscription, which he states he obtained at Hānsi Hisā, in 1815. "The stone on which it was engraved was presented to the Marquis of Hastings in 1818," but is not now to be traced. Col. Tod's version differs in many respects from that given above—(1) In the name of *Kirana*, which he uniformly makes into *Kilhana*, as it appears in paragraphs 7 and 15 of the Full translation, (2) Hammuna, instead of being slain, is himself invested with the charge of the strong fortress of Asī, (3) The *road* said to have been constructed in the one version becomes "a gateway" in the other, (4) "Two halls: the victorious treasury of the foe's wealth and his own abode," replaces the words in paragraph 6, above given, (5) and Tāda is corrected into Doda (*Dōi*).

It would be rash to arbitrate between these two authorities in the absence of the original document in dispute, with the witnesses on either side in their graves, but certainly Capt. Full's version is somewhat obscure and disconnected, while Tod's, though only an abstract, seems more simple and consistent. Prof. Wilson, however, who publishes the posthumous work of Capt. Full, whom he designates as that "distinguished scholar," possibly had the transcript text available to check the translation to which he lends his authority. Tod's case is not so clear, though from the general tenor of his paper there remains a doubt as to whether he had the *complete* Sanskrit translation in his possession.

See also Wilson, *Ariana Antiqua*, p. 132, who partially repeats his accepted interpretation of the inscription, in the words, "He was more probably the Hamira, who was governor of Hānsi in the time of Prithwi Rai, and was killed by the Raja's uncle Kilhana, as recorded by an inscription found in that Fort."

No. 33. 2. Sallakshana pála deva.¹

Silver and copper. Weight, 50 grs. (J.R.A.S. ix. figs. 11, 12.)

Horseman.

श्री सल्लक्षण पाल देव

Srī Sallakshana pála deva.

Bull.

श्री समन्त देव

Srī Samanta deva.

No. 34.

3. Madana Pála Deva.

Silver and copper. Weight, 51 grs. (J.A.S. Bengal, iv. pl. xxxvi.

fig. 16, Prinsep's Essays, xxv. fig. 16, xxvi. fig. 27; Ariana Antiqua, xix figs. 19 and 23; J.R.A.S. vol. ix. illustrative plate, fig 13.

Horseman.

श्री मदन पाल देव

Srī Madana pála deva.

Bull.

माधव श्री समन्त देव

Mādhava Śrī Samanta deva.

In order to bring under one view all the coins of this class appertaining to Native States, at or about the epoch of the extension of the Muhammadan conquests among the Rájput tribes, I append a notice of two coins of Mahipála, the one having traces of the old Brahmanical Bull and Horseman device, the other approximating, in a minor degree, to the Narwar design of Cháhar's local issues.

¹ There is a name identical with this, of an approximate period, on the Golden Lát, at Dohli (Prinsep's Essays, i p. 325), and another very similar in form, in the Buddha Gaya Inscription (J A S B. vol. v. pl. xxx.), which has been read as श्रीमल्लक्षण सन देव *Srī māl Lakshana Sena deva*. The name of *Sallakshana* also occurs in the Cháandel list, quoted below.—Cunningham, Arch Report, 1864-5, p. 89.

No 35. Mahá pála, king of Gwalhor, etc , A.D. 1093.¹

Copper, or copper with a very small admixture of silver. Weight,
46 grs (3 specimens, my cabinet.)

Horseman.

The original figure
is scarcely to be traced.

Bull.

श्री महीपाल

Srī Mahá pála.

In large coarse modern looking
characters, with the *mátrās* (or
head lines) nearly level, as in
Muhammad Sám's coin No.13).

No. 36 Mahá pal

Silver and copper. Weight, 43 grs. (J.R.A.S. ix plate, fig. 15,
pp 188, 198

श्रीम

Srī Ma-

हपाल

hi pála

देवः

Devah.

Imperfect traces

of the Chohán Bull.

(No legend.)

No 37. 4 Someswara deva.

Silver and copper. Weight, 53 grs. (A.A. xix. 28, J.R.A.S. ix
fig 16.

Horseman.

श्री सोमेश्वर देव

Srī Someswara deva.

Bull.

असावरी श्री समन्त देव

Asáwari, Srī Samanta deva.

¹ Cunningham, Gwalhor Inscriptions, p. 62, A.D. 1093 and 1103 Rajendra
Lala Mitra, J.A.S. Bengal, pp. 12, 16, Prinsep, Useful Tables, p. 258.

No. 38

5. Prithví Rāja Deva.

Silver and copper. Weight, 52 grs. (Ariana Antiqua, xix fig. 18;
 Prinsep's Essays, i. pl. xxv fig. 21; xxvi 30.)

Horseman.

Bull.

श्री पृथ्वी राज देव
Śrī Prithvī Rāja deva.

असावरी श्री समन्तदेव
Asāvurī, Śrī Samanta deva

It will be seen that in this new arrangement of these coins I have altogether abandoned any principle of continuous sequence, as well as any theory of limitation to one family or to one locality: in short, I hold that the right to issue this particular species of currency was conventionally confined to the Lord paramount among the Rājput States for the time being, and that the acknowledged *Rājādhirāj* (राजाधिराज) "King over Kings," or the "*Dhruv*" of the vernacular, was alone entitled to this symbol of supremacy.¹ That the exercise of the right was frequently abused is

¹ "We may here briefly describe the state of Hindusthān at this epoch, and for centuries previous to the invasions of Mahmūd (four great kingdoms)—1. Dehli, under the Tuars and Chohans, 2 Kanouj, under the Rahtores, 3 Mewar, under the Ghelotes, 4. Anbulwara, under the Chauras and Solankhis." To one or other of these states the numerous petty princes of India paid homage and feudal service. The boundary line between Dehli and Kanouj was the *Kāśinādī*, or black stream. Dehli claimed supremacy over all the countries westward to the Indus, embracing the lands watered by it; aims from the foot of the Himalaya, the desert, to the Aravalli chain. The power of Kanouj extended north to the foot of the Snowy Mountains, eastward to Kāsi (Benares) and across the Chumbul to the lands of the Chundal (now Būndelkhund), on the south its possessions came in contact with Mōwar (or Medya-war), "the central region," which was bounded to the north by the Aravalli chain, to the south by the Pramaras of Dhai, westward by Anbulwara, which state had the ocean to the south, the Indus on the west, and the desert to the north"—Tod, ii. 9, and i. 248. At p. 448, vol. ii., Col. Tod gives Chand's picture of the Chohan dominion—"From the seat of government (*Rajasthān*) *Mādhori* (old Gurra Mundilla) the oath of allegiance (*dh*) resounded in fifty-two castles."

highly probable, but among these heroic races,¹ who were sensitive to a degree on questions of honour and precedence, an assumption which could not be defended by the sword was likely to be of brief continuance. The old Kabul device of the Bull and Horseman, with its special Hindu associations, was apparently revived by Anangpál, at Dehli, in the days of his power; as other potentates came to the front, and other clans secured a temporary dominancy, his position changed, and, later in point of time, Dehli became a mere king-ship subject to Ajmír. It will be seen that I propose to assign the next coin, in the order of date, to Sallakshanapálu I., the Chándel monarch of Mahoba,² who

¹ Have we anything in European chivalry to compare with the act of the Suktawut Chief, who is related to have voluntarily submitted himself for impalement on the spikes of the gate of a beleaguered town, to enable his own elephant to force an entry?—Tod, i 150

² CHÁNDEL DYNASTY (Mahoba, Kálinjar, etc) Cunningham, Arch. Rep., 1864-5

- | | | |
|------|---|--|
| | A D | |
| 7th | King, 950, Dhanga (Khajuráho Inscriptions, A D. 954 and 999) | |
| 8th | „ 999, Ganā (Nanda Rai of Ferishtah ² A D. 1021) | |
| 9th | „ 1025, Vidyádihara deva | |
| 10th | „ 1045, Vijaya Pála | |
| 11th | „ 1065, Kirta Varmma deva. COINS | |
| 12th | „ 1085, Sallakshana Varmma deva (Mhow Inscriptions) COINS. | |
| 13th | „ 1105, Jaya Varmma deva (Khajuráho Inscriptions, A D 1116)
COINS [Prinsep's Essays, pl xxiv 7, 8, p 291 श्री अजय देव] | |
| 14th | „ 1120, Sallakshana Varmma deva ² brother of Jaya | |
| 15th | „ 1125, Prithvi Varmma. COINS | |
| 16th | „ 1130, Madana Varmma deva (Inscriptions, 1131, 1163, A D). COINS | |
| 17th | „ 1163, Kirti Varmma deva ² | |
| 18th | „ 1167, Paramárditi deva (Inscriptions, 1167 and 1183 A D). | |
| 19th | „ 1202, Trialokya Varmma deva. <i>Dilh</i> of Ferishtah ² A D. 1247. | |
| 20th | „ 1205, Sandhuia Varmma deva (Copper-plate Inscriptions, 1280 A D) | |
| 21st | „ 1280, Bhoja Varmma (Ajayguh Inscription), 1288 A D | |
| 22nd | „ Vira Varmma (Masey's Inscription, No. n.), 1315 A D | |

we learn from inscriptions extended his conquests into the Gangetic Doáb; and to his grandson *Madana Varmma deva* I assign the coins bearing his leading name, in preference to the nearly contemporary *Madana Pála*, of Kanauj, whose territory was supplied with a different description of coinage, as well as on account of the serial consistency, if the earlier pieces are rightly attributed to his grandsire, whose power he seems to have inherited in added stability.¹ The assignment of the money of the Chohán kings Somesvara and Prithvi Rája requires no confirmation; but our special

General Cunningham adds, the coins of this dynasty are "extremely rare, as I have obtained only seven specimens in gold, and nine in copper, during a period of more than thirty years.

The gold and silver coins are all of the well-known type of the Rathors of Kanauj, which bear a seated figure of the four-armed goddess *Durga* or *Pavati* on the obverse, and, on the reverse, the king's name in three lines of Medieval *Nāgarī* characters. The copper coins bear, on the obverse, a two-armed male figure, which appears to be that of the monkey god *Hanumán*, and, on the reverse, the king's name in *Nāgarī* characters." Arch. Report, 1864-5, pp. 85-88.

General Cunningham was under the impression that the Trailokya Varmma Deva, of the Chandel list, might be identified with the "Dilki and Milki" of Ferishtah. The more complete details of the actors and events of this period, furnished by the work of Minháj us Siráj, seem to show that though the association of Trailokya with the Milku or Milkdeva (میلکدو) the son of *Visala* ? of Gwahor (Elhot, II 327, Persian text, p. 174 میلکو پسر میل or لیل, var. پسر بسمل; the *Tārikh Mubárah Sháhn*, which copies Minháj us Siráj, has بسمل مالک MS Sn II Elhot, A n 620 = A D 1231), might be possible, notwithstanding the obscurity of the patronymic, the name of Dilki and Milki (دلکی و ملکی و اورائے نود), of A n 615 = A D 1247, can scarcely apply to the same individual, who is described as residing "in the vicinity of the Jumna, between Káhnjar and Kanva," whose dwelling place no Muhammadan army had ever reached—*Tabakát-i-Násir*, pp. 211, 291. See also Elhot, II 348-366; III 76.

¹ Inscriptions at *Mhow*, translated by Lieut. Price, 2, Káhnjar, Lieut. Mansey, No. IV. and 11 others.—Cunningham, Arch. Report, p. 83.

concern at present is with the issues of Cháhar Deva. We have independent evidence of his supremacy at Narwar, in A.D. 1246;¹ and in 1234 we first find him encountering the troops of Altamsh, under Nuṣrut-ud-dín Tábusi. On this and subsequent occasions of his conflicts with the Muslims, extending up to A.D. 1253, with the capture of Narwar, by Balban, in 1251, he is described by Minháj us Sina, as بزرگترین رایان "This Rána Áchári," who was این راند اجاری "The greatest of the kings of Hindustán," etc.,

¹ "In my account of the ancient coins of Narwar, I have brought forward specimens of Cháhada Deva which are dated in various years, from S 1303 to 1311, or A.D. 1216 to 1251 and specimens of his son Asala Deva which range from S 1311 to 1336, or from A.D. 1251 to 1279. As these are corroborated by several existing inscriptions there seems to be no reason to doubt that at least these two Rajas must have been independent princes. But there are also similar coins of a third prince, named Malaya Vamma Deva, who, from the dates of S 1280 and 1290, or A.D. 1223 and 1233, must have been the immediate predecessor of Cháhada Deva. His coins were found at Narwar, Gwalior, and Jhansi; but as there are only five specimens, it is not certain that they belong to Narwar. Indeed the name of Vamma would rather seem to point to Kálmjar. It is possible, therefore, that Cháhada himself may have supplanted the Parihár dynasty. But I am rather inclined to think that Malaya Vamma Deva must have dispossessed the Pariháras, and that he was shortly afterwards ejected by Cháhada Deva, who was most probably the founder of a new dynasty, as the genealogy of the family opens with his name. Cháhada was succeeded by his son Asala Deva. His money also is common. I found his name on a Sati pillar at Rai, near Kulhāras, S 1327 or A.D. 1270, during the reign of *Sri-mat Asalla Deva*. . . From all these various sources the chronology of this Narwar dynasty may be arranged with considerable precision, although the dates of accession cannot be exactly determined.—1 Cháhada Deva, A.D. 1233—1251. 2. Asala Deva, A.D. 1254—1279. 3. Gopála, A.D. 1279—1291. 4. Ganapati, A.D. 1291—1298. As no coins of the last two princes have yet been discovered, I infer that they must have been made tributary by the Muhammadan kings of Dehli"—Arch. Report, 1864-5, p. 30. See also General Cunningham's "Coins of the nine Nágas, and two other dynasties of Narwar and Gwalior,"—J A S. Bengal, vol. xxiv (1866), p. 116.

and other similar expressions,¹ showing that he was the recognized leader and lord paramount of the Hindu princes of central India, struggling to preserve their kingdoms from the foreign invader. The term اجاري is susceptible of two interpretations, the one as the correspondent of आचार

و بوقت مراجعت رانۀ اجار که جاهر نام بود سر راه لشکر اسلام
 نگرفت (A.H. 632, A.D. 1234 p. 240)

دروفت مراجعت از کالکر ممر لشکر اسلام بدین رانۀ اجاری
 بود فی الجملة این رانۀ سر راه لشکر اسلام در مضائق از آب سندی
 [Nusrat-ud-din [The Sindhu of Nawas, A.H. 632] نگرفت
 آن هندوکش اجاری چنان بر من [Tabasi adds, in his own person]
 حمله کرد که گوئی گرگی است که رمۀ گوسفندان می افتد (p. 297)
 العثمان بالشکرهای بسار نظرب رنور و نیب کوه پایۀ سموات و
 بلاد باهر [جاهر] دیو که نزدیکترین را بان هندوستان بود نامرد شد

A.H. 646, A.D. 1248, p. 292.

و در آن سفر با نزدیکت مالود رفتند و جاهر اجار که نزدیکترین راگان
 آن بلاد و بفاع بود نادر پنجتنزار سوار و دولک پداده داست منهنم
 گشت و قلعه بلور [رور] که عمارت کرده بود فتح شد و نیب گشت
 A.H. 649, A.D. 1251, p. 215

جاهر اجاری را که رانۀ بس شگرف (A.H. 619, p. 296) . . . و این
 رانۀ اجاری که جاهر نام بود مردی دس جلد و کاربان بود و در عهد
 سلطان سعد شمس الدین طاف تراه در سال سنه اثنین و نلنین و
 ستمایه (p. 296) . . . ابن حکایت بجهت آن آورده شد تا خواندگان را

A'chára, "established custom, usage;" the other, and more probable meaning, as आचार्य *A'charyya*, "A spiritual guide," under the vernacular variants of *A'chárj* اجارچ and *A'shári*. We know that many of the chiefs of these Rajput tribes

روشن گردد که شهامت و جہانگیری العنجان (۱۱۸۶, A.D. 1251)

معظم ناچہ ابداد بود کہ این چنین خصمی را معہور و مسہزم گردانید
و قلعة نزور [نزور] را کہ حصن نامدار است از دست تصرف او
سروں کرد p 297

و رای رننبور باہر [جاہر] دیو کہ اعظم رایاں و اصل و نزرگترین
ملوک ہند است لشکر کشید (۱۱۸۶, A.D. 1253) [العنجان]

ہمایت آن لشکر رای جاہر دیورا اگرچہ بس اسوہ و نا صلاح و اسف
بودند مسہزم گردانند p 299 Calcutta text

Also Elliot's *Historians*, II. pp. 351, note 1, 366, 370

The *T'aukh-i-Mubarak Shâhi*, compiled circa A.D. 838, which closely follows *Minhâj us Su'aj*, in the epitome of the earlier reigns of the Sultans of Delhi, in giving its version of the encounter with Châhna Deva, speaks of him as

ہر جادیو لعن کہ معظم ترین کفار ان دیار بود

The other Râjas, from Prithvî downwards, are merely described severally as
رای, ضامت, or مالکٹ.

"In the very early periods, the princes of the Solar line, like the Egyptians and Romans, combined the offices of the priesthood with kingly power, and this whether Brahmanical or Buddhist . . . and in ancient sculpture and drawings the head is as often adorned with the braided lock of the ascetic as with the diadem of royalty (even now the Rana of Méwar mingles spiritual duties with those of royalty, and when he attends the temple . . . performs himself all the offices of high priest of the day)" Tod, I. 27, 582 — *Rāj Rājēvāra*, title of prince of Marwar, Rāj Rāj Indira of Amber, II. 137. — Rawal, title of the prince of Jessulmér, II. pp. 249, 277 — Ranas of Méwar *doudas*, or Viceregents of Siva, I. 517 — Rana of Méwar, heir to the throne of Rama, called *Hindua Sooraj*, or Sun of the Hindus, I. 211, 232. — The *Achdra*, however, may by some sort of possibility stand for *Aharya*, a term derived from *Ahas* in Oodipur, I. pp. 213, 216.

in later days affected hierarchal honours, calling themselves *Mahants*, etc., and the famous Samarsi was designated as the "Regent of Mahádeva."¹

The coins described below illustrate—1, The independent position of Cháhar Deva as *Maháráya Adhuraráya*; 2, His concession of supremacy to Altamsh; 3, The establishment of Altamsh's generals in Ajmír, and, 4, The contrast in the orthography of the Dehli coins of that Sultán, and the transliteration of the name current in Rajputána.

Coins of CHÁHAR DEVA, as *paramount Sovereign*.

No 39 S.C (copper in excess). Weight, 50 grs A.A. xix. 16.

HORSEMAN
श्री चाहड देव
Srī Cháhada Deva.

BULL.
असावरी श्री समन्तदेव
Asdwarī Srī Samanta Deva

CHAHAR DEVA, as *Tributary to Shams-ud-din Altamsh?*

No 40, S.C. (copper predominates) Weight, 48 grs (No. 15, pl. 1.)

Asiana Antiqua, xix 31, 34, 37 Prinsep's Essays, pl. xxvi. 31.

HORSEMAN
श्री चाहड देव
Srī Cháhada Deva

BULL.
असावरी श्री समसोरल देवे
Asdwarī Srī Samasorala Deve

ALTAMSH's own proper Coins, struck at Ajmír?

No 41. S.C (of inferior value) Weight, 50 grs.

Prinsep's Essays, i p 333

HORSEMAN
श्री हमीरः
Srī Hamīrah.

BULL.
श्री समसोरलदेव
Srī Samasorala Deve.

¹ Tod, i 257 Minháj us Su'áj, at p. 149, Calcutta text, speaking of Lakhanauiah of Bengal, uses a curious expression in regard to his position as Khalifa و خاندان ایشان را یان هند نرگت داشتندی و بمنزلت خلفه همد شهر دندی. Inter alia, see notice of "Achary Malī Bhadrū," Elliot, ii. 547.

ALTAMSH'S *Imperial Delhi Coins*

No. 42. S C. Weight, 48 grs (No. 16, pl. 1.)

Samvat, 1288=A D. 1231=1 H. 629.

Ariana Antiqua, xix 32, xx 3 Prinsep's Essays xxvi. 34, 39, 41.

HORSEMAN

BULL.

श्री हमीरः

Sri Hammirah.

सुरिताण श्री समसदिण

Suritāṇ Sri Samasadin.

On the side of the Bull, १२८८.

These issues vary materially in the intrinsic value of the different pieces, ranging from nearly pure silver to copper, with a mere trace of the higher metal.

The legends on these coins differ occasionally in the definition of the Hindi version of the Sultān's name and titles: some specimens have सुरिताण श्री समस दिण *Suritāṇ Sri Samasadin*, and occasionally दीण *din*. Among other peculiarities, coins with these latter legends insert what are apparently dates, under the hump of the recumbent Bull. The isolated numbers hitherto observed extend only to ४=4 and ६=6, which may be supposed to indicate the years of the reign. The practice of introducing the full *Samvat* date, in the available spaces in the general outline of the *Tughra* device, seems to have been an amplification of this preliminary modification of the old Hindu symbols and their ultimate elaboration into numeral dates, as above given.

The subordinate die modifications peculiar to the epochal and geographical ramifications of the ancient device of the Hindú kings of Kábul are otherwise interesting, and may lead, under closer and more exact observation, to an improved classification of the different mintages. In the strictly initial section of these issues, comprising the *silver* money, the symbol on the Bull of Siva is confined to his own special trident or *trishul*. Anangapála introduces a sword or club in place of the trident (*Ariana Antiqua*, xix 15; Prinsep's

Essays, pl. xxv. figs. 14, 15), and at times resorts to a four-petalled flower (J.R.A.S. ix. 9). Madana Pala retains the *trisol* but slightly altered (xxv. 16), though in other cases he varies the device (xxvi. 27), and in one instance reverts to the best form of the old Brahman *trisol* (J.R.A.S. ix. fig. 13), with the exceptional adjunct of a clearly defined $\mathfrak{z}=2$. Prithví Rāja and Cháhar Deva admit of a further alteration, and the ancient trident assumes almost the form of an opening flower (xxv. 21, 30, 31). Muhammad bin Sám, without rejecting the modernised form of the old symbol, in some cases affects a rose-like flower similar to that employed by Ananga (xxv. 20).

One of the most instructive exemplifications of the then prevailing system of adoption, or assimilation of local types, is afforded by another mintage of Altamsh's, of earlier date, which is directly identified with the capture of Rantambhor, in A.H. 623 (*Samrat* 1283 = A.D. 1226), from Cháhar Deva's predecessor, *Malaya Varma Deva* (A.D. 1210-1235).¹ The obvious imitation of the style and arrangement of the legends of the local (Narwar?) money may be traced on the *Hindí* face of the Indo-Muhammadian pieces; and the substitution of *GHIZNAVI Persian* legends for the imperfect design of the typical horseman of the Kábul Brahmans, in conventional use in the patrimonial states of the Mahoba *Varma* dynasty, is also suggestive, and, taken in connection with the fact that this new issue was not sustained beyond the single annual date now quoted, would seem to show that the exceptional currency was designed to mark the event of

¹ General Cunningham, *J.A.S. Bengal*, vol. xxiv. (1865) p. 127, and *Archæological Report*, 1864-5, p. 30. [The name is not given in any historical account, the identity of the owner of the fortress is assumed from the connection established by the coins.]

the conquest of the celebrated Hindu stronghold, so vauntingly reported by the contemporary historian :¹ in short, we may fairly infer that the coinage in question was intended as a kind of Numismatic *Futeh Námah*, or "announcement of victory;" its superscriptions, couched in the conjoined languages and alphabets of conquerors and conquered, were made more emphatically to point to the epoch of the surrender, by the repetition of the date, in the eras special to either nationality. These stamped manifestocs of the new lords of the soil penetrated more readily throughout the land, and brought home to the comprehensions of the primitive races, among whom they were designed to circulate, the actual change in the ruling power, far more effectively than elaborate proclamations by sound of trumpet or beat of drum, which would have secured a short lived and less abiding expression of triumph.

One of the peculiarities of this issue, which also gives it an independent value, is that it furnishes the single instance, in the entire range of Altamsh's Kufic or Persian coins and

¹ و در شهر سه نلت و عشرين و ستمائه عزيمت فتح قلعه رنهور
مستم فرمود و آن قلعه در حصاست و مسانت و استحكام در تمام
ممالك هندوستان مذکور و مشهور است و در نوار پنج اهل هند
چنين آورده اند كه هفتاد و اند بادشاه نياب آن قلعه آمده بودند
و هيچ يكي را فتح آن حصار مسر شد بعد از مدت چند ماه در
شهر نلت و عشرين و ستمائه بردست بندگان او بقتل آوريدگار

فتح شد Tabukát-i-Násir, 172

Elliot's *Historians*, II 324, *Faustah* (Briggs), I p 210, *Elphinstone* (edit 1866), p 374 See also note to coin of Shír Sháh, from the same mint, *infra*, for a description of the fortress itself.

inscriptions, of a counterpart definition of his original *Tūrki* name, the correct expression of which is still undetermined; and though the Hindi version may carry but little positive authority in the matter, it gives us probably the pronunciation as orally delivered by his *Tūrki* officials to the *Indian* Pandits who transliterated the name for the local die engravers.

Malaya Varmma Deva, of Kālnjar, *Naruar*. etc ?

No. 43 Silver and copper Weight, 50 to 56 grs *Samvat*,
1282=A.D. 1225¹

Prinsep's Essays, pl. xxv. fig. 17, Journ. As. Soc. Bengal, 1865,
pl. xviii figs. 25, 26, p. 126



श्री मल्ल

लय वर्म्म

देव सं १२..

Srī Mat Malaya
Varmma Deva
Sam(vat) 12..

A

crudely executed
figure of the
Kābul horseman

Shams-ud-dīn Altamsh, on the conquest of Rantambhor.²

No. 44 Silver and copper. Weight, 53 grs *Samvat*, 1283,
A.H. 623=A.D. 1226 (No. 14, pl. i)

CENTRE.

السلطان ايلتمش

श्री सुलता

लितितिमि

सि सं १२८३

MARGIN.

عرب . . عشرين وستمائة

Srī Sultāna

Lititimi

Samvat, 1283.

¹ Other dates extant on coins, S. 1280, 1283, and S. 1290.

Cháhara Deva *Narwar* Coins.²

No. 45. Silver and copper Weight, 50 to 59 grs.

Samvat, 1303¹=A.D. 1246.

Engravings, J A.S. Bengal, 1865, pl. xviii figs 27, 28, p 126

Figure of the
horseman,
scarcely recognisable

श्री मत्वा

ड देव

सं १३०३

Sri Mat Cháhara Deva
Samvat, 1303

No. 46. New variety. Silver and copper Weight, 50 grs
My cabinet

OVERSE—السلطان الاعظم الممس السلطان

REVERSE—Horseman, as in Muhammad bin Sám's coin, No. 5, pl 1

No. 47 Silver and copper Weight, 46 grs Common
No. 17, pl. 1

Obverse—شمس الدنيا والدين الممش

Reverse—श्री हंसीर: *Sri Hammirah*. Horseman.

No. 48 Silver and copper Weight, 53 grs Common.
No. 18, pl 1

Obverse—شمس الدنيا والدين ايلشم السلطان

Reverse—श्री हंसीर: *Sri Hammirah*. Horseman.

No. 49. Copper. Weight, 44 grs. Rare. Multán.

Obverse—Square area, within a circle, with a dotted margin

عدل السلطان

Reverse—Area, as in No. 19, pl. i., ضرب ملتان

¹ Other dates range on down to S. 1311.

The orthography of *Multán* on the coin is simply بلتان without any dots, which for a long time made me hesitate in admitting the present reading, but which is now fully established by the legend on coins of Uzbeg Pái; and I have singular confirmation of the disregard of the true sounds of *m* and *n*, prevailing at this period, in the fact that many MSS. of the *Tabakát-i-Násiri*—the original of which was of nearly contemporaneous composition—define the name as بلتان,¹ a circumstance which has led to amusing confusion in the printed edition prepared in Calcutta by Maulawí Khadíw Husain and 'Abd-al-Haí (1864),² whose geographical knowledge of Northern India seems to have been strangely defective.

No. 50 New variety. Silver and copper. Weight, 52 grs Rare.

Obverse—Horseman, with traces of *Sri Hammírah*, in Hindi.

<i>Reverse</i> —Legend in square	{	شمس
<i>Kufic</i> letters.		الدنيا والدين
		ابو المظفر المنمش

¹ There are otherwise many variants of the name Hsün T'sang (A.D. 640) is said to give the Chinese transcript of *Mohastán* (Paris edition, i. 210, in. 173, 401) Mas'audí (A.D. 912) has *مست الذهب وهو المولتان* (Paris edition, i. pp. 151, 375). Alhuni calls it *مولتان المعمورة* (Reinaud, 212). The astrolabe described by M. Dorn (St. Petersburg) gives *مولتان* "Moulton". The *Marasid Al I'tila'* supplies *مولتان*, *مولتان*, and a variant in *مولطان*. See for early accounts of the place Elliot's *Historians*, i. pp. 23, 27, 29, 35, etc.

² Pages 176, 182, 270, 321. Elliot's *Historians*, ii. pp. 328.

No 51. New variety. Silver and copper Weight, 46 grs
Very rare.

Obverse—Horseman, with the word السلطان at the top of the field,
as in No. 30, pl 1, of the succeeding issues

Reverse—Square area. Legend
in crude Kufic. { السلطان الا
عظم شمس
الدسا و لدين

No. 52. Copper Weight, 26 grs Rare. No 19, pl 1

Obverse—عدل

Reverse—السلطان.

No 53 Copper. Weight, 24 grs Common No 20, pl 1

Obverse—عدل سلطان

Reverse—حصرت دهلى

No 54 Copper. Weight, 28 grs Rare No. 21, pl 1

Obverse—شمس.

Reverse—श्री समस दीन *Sri Samasa dīn.*

No. 55 Copper Weight, 25½ grs Rare No. 22, pl 1

Obverse—عدل. Ornamental Kufic letters.

Reverse—شمس.

No 56 New variety Copper Weight, 40 grs. Rare

Obverse—عدل in open Kufic letters, with a six-pointed star above
and below the word, encircled with a dotted margin.

Reverse—شمسى with ornamental *tughra* scrolls and dotted margin.

No 57. Copper. Weight, 25½ grs No 23, pl. i

Obverse—سلطان

Reverse—الشمس.

No 58 New variety. Silver and copper Weight, 38 grs.
Very rare.

Obverse—عدي in a circle with two stars and dotted inner margin.

Reverse—A modified outline of the ancient typical Bull, with

खीसम? or खीसम:

I was on the point of closing the long descriptive list of the coins of Altamsh, when Colonel Guthrie opportunely received from Major Stubbs, among his latest acquisitions in India, the most remarkable curiosity of the entire Pathán series at present known. The gold piece in question was apparently struck at the important strategical position of Nagór,¹ in the second year of Altamsh's reign

No. 59 Gold. Weight, 70·6 grs. Unique. Nagór, A.H. 608.



Above the Horseman,

صرب

Below the Horseman,

نکور

Margin—[محمد] رسول الله

لار السمش ثمن و سمانه

السلطان المعظم

شمس الدين والدين

ابو المظفر السمش

القطب بزمان

امير المؤمنين

The authoritative portrait of Altamsh, on horseback, is highly interesting, giving, as it does, so many curious details of costume and equipment. As a work of art, the die is defective in the extreme, but still it has its merit in revealing an original and independent representation of the monarch. The general design follows one of the exceptional models of the coinages of Ghur and Herat,² where the horse is seen at full charge, and the rider with upraised mace, the *special*

¹ Lat 27° 10', long 73° 50', about 60 miles N. E. of old Mundori (Jodpur), and 60 N. W. of Ajmir. Tod, ii 15, 16, Elhot, ii. 326, 342, 370, Ain-i Akbari, ii 80. Munshi speaks of Mundori as in the Siwahik, and he frequently adverts to "Hansi and the Siwahik" in conjunction, while, on the other hand, he seems to exclude Pnjore from that range.

² J. R. A. S. xvii. p. 205, No 57, and, doubtfully, No 53 plate, fig 2.

weapon of the great Mahmūd. The form of the saddle, the seat of the horseman, the *chanfron* or head-armour of the steed and his erect tail, all seem to point to *Thür* ideals. The head-dress of the king is likewise peculiar, but the obliterated outline on this piece does not admit of our tracing the crest, whether of helmet or of crown, the flowing fall at the back of the head is remarkable, and has something of a Sasanian air, the well-grown beard of the king completes the picture. It is, moreover, specially to be noted that as the device follows Ghori models, so the coin itself adheres to the standard of the Northern *dinars*, and has nothing in common with Indian weight.

If the leading device is faulty in its treatment, the definition of the letters of the legends is still more imperfect, the legends themselves are also clearly in the initial or transition stage, from the fixed tenor of the old routine to the adaptation of new associations. The **المعلم** points to a moderately early period of the reign of the sovereign, but the hitherto unexampled use of the term **القطبي** *Al-kutbi*, i.e. the "Freedman," or dynastic dependent of *Kutb-ud-din Aibak*, more distinctly limits the date to a period when Altamsh had not quite emancipated himself from the halo of his late master's reign. The **زمان امير المومنين** "in the time of the Commander of the Faithful," which follows the **القطبي**, is also an unusual form, but the expression is quite legitimate, and is replaced later in the day by the more enduring synonym of **في عهد** "in the time of," or "during the domination of." The reservation in regard to the name of the Khalif is also suggestive,—conquest in India had been too quick, and the new kingdom was still too isolated, for the Muslim adventurers in that *ultima thule* to have been taught the personal designation of the Pontiff, to whom all civilized Muslims confessed allegiance. The proposed reading of the two words on the field may require justification, the **ضرب** is certainly more like **مرب**, but the superimposed dot settles the question; the **نكور** also might be preferably transcribed **بگور**, and Nagór itself is usually written with the long *ū* **ناکور**. Moreover, if these two words ran together in a full marginal legend, the prefix **ب** would be indispensable, but in the open field, in parallel cases, the name itself was left to stand alone in its monogrammatic form. The marginal legend, the most important record of all for the absolute determination of the history of the piece, is not only incomplete, but the outlines of the letters are unusually crude and ill formed. The difficulties, however, are limited to the word preceding the obvious **الشمش**, and to the *unit* or *decimal* preceding the equally clear **وسنمائة**. The former is but of little import, and we may, for the present, admit *Dinar*, or some of its equivalents, but the date is of the first consequence, and all things considered **ثمان** for **تامن**, an optional alternative, best meets the requirements of the case.

Inscriptions of *Shams-ud-din Altamsh*

F Inscription over the doorway of the second story of the Kutb Minár.

امر بامام هذه العمارة الملك المودع من السماء شمس الحق
والدين ايلتمش السلطاني ناصر امير المومنين

G. Inscription on the Upper Circlet of the Second Story of the Minaret

السلطان الاعظم شهنشاه المعظم مالك وفات الاسم مقهر ملوك
العرب و العجم ظل الله في العالم شمس الدنيا و الدين غيات
السلام و المسلمين باج الملوك و السلاطين ناسط العدل في العالمين
علا الدولة العاشره جلال الملة الساهره المويده من السماء المطفر على
الاعداء شهاب سماء الخلافة ناصر العدل و الرافه محرز ممالك الدنيا
و مطهر كلمة الله العليا ابو المطفر ايلنمش السلطاني ناصر امير
المومنين خلد الله ملكه و سلطانه و اعلى امره و شانه

II On the third story over the doorway, and on one of the bands, similar laudatory titles are repeated, with the addition of *يمن الخلافة* and other minor variations, and finally the epigraph (1) over the doorway of the fourth story attributes the entire structure (with obvious error) to the time of Altamsh. The modification of his titles and designations alone would indicate the deferred execution of this inscription.

امر بنده العماره في ايام الدولة السلطان الاعظم شهنشاه المعظم
مالك وفات الاسم مولى ملوك الترك و العرب و العجم شمس الدنيا
و الدين معر السلام و المسلمين ذوالامن و الامان وارث ملك
سلمان ابو المطفر ايلنمش السلطان ناصر امير المومنين

I Inscription of Altamsh on one of the centre arches at the Kutb, date A H 629

J There is also an imperfect inscription of Altamsh on the lower belt of one of the minarets of the mosque at Ajmir. (Gen Cunningham gives the following as the still legible portion.

سلطان السلاطين الشرق ابو المطفر ايلنمش السلطاني ناصر امير المومنين

Archaeological Report, 1864-5, p. 9.—The Emperor Babri has preserved a notice of an inscription of Altamsh, which he saw on the gate of the *Uruck*, at Gwahor, dated A H. 630 (Eskine, p. 384, Arch. Rep. 1861, p. 56)

Násir-ud-dín Mahmúd Sháh, heir apparent of Altamsh

(See p 45, *suprà*.)

No 60. Silver. Weight, 163 1 grs. Unique. British Museum



OBVERSE.

السلطان الاعظم
ناصر الدسا والدین
ابو المظفر محمود
شاه بن سلطان



REVERSE.

فی عهد الامام
المستنصر بالله امیر
المؤمنین لله

Margin, illegible.

The incidental details of the Legends restrict the assignment of this piece to one of *two* individuals, the eldest or the youngest son of Altamsh, the latter of whom was authoritatively designated by the identical name and title of Násir-ud-dín Mahmúd,¹ in 626 A.H., after the decease of his brother, the cherished heir apparent to the newly-established Muslim empire in the East. The introduction of the formula, "during the reign of (the Khalif) Al Mos-

¹ سلطان اسلام ناصر الدین محمود چنانچه وارث اسم و لقب او است
p 201. بلقب و نام پسر معتز مخصوص گردانیده ; Tabakát Násiri, p. 181.

tansir billah," on the reverse, limits the ultimate date of the possible issue of the coin, not so much to the fifth month of the year A.H. 640, when that Pontiff died, but with clear local effect to A.H. 611, when the knowledge of his death was officially declared by the substitution of a new name in the mintages of the capital of Hindustán.¹

The younger son, who was destined eventually to succeed to the throne of his father at Dehli, in A.H. 644, after the intervening reigns of Rukn-ud-dín Fírúz Sháh, Rizíah, Mu'izz-ud-dín Bahráh Sháh, and Alá-ud-dín Mas'áud Sháh, in all, however, extending only over a space of eleven years posterior to the death of Altamsh, must, under these conditions, have been but of tender years, and, though, at this juncture, promoted to the titular honours of an elder brother, in no position to exercise authority in his own person, and still less likely to have had medallie tribute paid to him by his father, should such motives be suggested in reference to the unique specimen under review. To the first-born, Násir-ud-dín Mahmúd, no such objections apply. He was very early invested by his sire with the administration of the important government of Láhor, and in A.H. 623 advanced to the higher charge of the dependencies of Oudh, from which *quasi* outpost he was called upon to proceed against Hisám-ud-dín 'Awz (No. 4 in the list of Governors, p. 8), who had already achieved a very complete independence in the province of Bengal. Here his arms were fortuitously, but not the less effectually successful, so that he had honours thrust upon him even to the Red Umbrella and its attendant dignities,² whatever the exact

¹ Silver coins of Alá-ud-dín Mas'áud, *infra*.

² His title is usually limited by Minháj us Suráj to ملك (pp. 177, 181, 201), but on one occasion سلطان crops out incidentally in the Court list, where, in his place among the sons of the Emperor Altamsh, he is so designated (p. 178).

measure of power these heraldic insignia carried with them. He was, moreover, specially associated with the Pontifical recognition of the Indian empire, and was permitted to share the *Khil'ats* (or robes of investiture) forwarded on the occasion from Baghdad.

I should prefer, therefore, to attribute the issue of this piece to the close of his career the lowest range of the date, as its legend declares in indirect terms, is antecedent to 641 A.H., but the technical and manipulative treatment of the crude Kufic epigraph brings it into close connexion with many of the introductory specimens of the Imperial Mint, and the tenor of the legend equally removes it from the terms of the later phraseology imported into the Delhi series. We have seen that there was some confusion as to the correct orthography of the name of the Khalif on the coins of Altamsh (Nos. 29, 30), in the irregular addition of *الله* and *ناصر الله* to the name of Mustanşır; but the introductory coin No. 28 defines the title simply as *المستنصر ناصر المومنين* "*Al Mustanşır, Commander of the Faithful*," a definition which is adhered to on the money of Riziah and her successors. In this particular the present specimen follows the exceptional example of some of Altamsh's coins, No 30, and appends to the name the ultimately discarded *الله*. The imperfect arrangement of the legend, necessitating a filling-in of the vacant space, at the conclusion of the ordinary sentence, with an extraneous word, also identifies the piece with Altamsh's tentative issues, and the caligraphic conjunction of the initial *ألف* with the body of the succeeding *لám* in *الامام* indicates the teaching of a similar school of die engravers, which is rendered more marked by the insertion of so many short vowels, a practice which was not long persevered in.

The adjunct of "Sháh" after the name of the prince,¹ and the abstinence from the use of the title of *Sultán* at this point, is suggestive, as also is the tenor of the final سلطان بن in lieu of the imperial بن السلطان, which may possibly refer to the still current employment of the simple سلطان of the days of his more humble pretensions, to be seen on so many of the father's coin, pl. i. figs. 20, 23.

ALTAMSH'S ALIEN CONTEMPORARIES ON INDIAN SOIL

The alien intruders upon Indian territories, whether kings or generals, who have left numismatic evidence of their presence in or near the dominions of Altamsh, number no less than seven.² Their careers can scarcely be made to follow

¹ Násir-ud-dín Mahmúd, the second son of the then ruling Emperor, is called by his own special biographer, Minháj us Sultáj,

سلطان المعظم ناصر الدنيا والدين محمد بن السلطان (pp. 9, 177, 178, 201, etc.), which is in contrast to the nominal adjunct so constant with his predecessors, Fu'üz Sháh, Bahám Sháh, Mas'údd Sháh. On one occasion only does the additional Sháh appear in a substituted list of Altamsh's coin (p. 178), where the text gives—1 Sultán Násir-ud-dín . . . 2 Sultán Násir-ud-dín Mahmud. and at the end, after the name of Rukn-ud-dín Firúz Sháh, comes "Násir-ud-dín Mahmúd Sháh."

² William Erskine, in his latest work on "Bábar and Humáyún" (London, 1851), gives a summary of the various Mongol and Tárki tribes, and their early settlements, which has an important bearing on the successive invasions of India.

"The tribes which we include under the name of Tatar (properly 'Tátar'), consist chiefly of three great divisions or races, all differing from each other in manners, institutions, and language. 1. The Tunguses and Manchú, in the east of Asia, north of China. 2. The Mongols, or, as they are called by the Persians and Indians, the Moghuls, who occupy chiefly the middle portion north of Tibet, nearly as far west as Terfan, and part of the desert between that and Yark, and 3. The Tárks, who for many centuries have possessed large regions that extend on the west of the Mongols from the desert of Kobi, having for their southern boundary the mountains of Káshghar and Pámer, Khoráshán, the Caspian and Black Sea; the Don and Wolga on the west, and Siberia on the north. But some few tribes, both of Mongols and of Tárks, are to be found in the limits thus

any very exact sequence, but the general order of their action on the history of Hindustán will perhaps be sufficiently preserved in the arrangement now adopted.

- I. Táj-ud-dín Ilduz, already noticed, p. 24.
- II. Alá-ud-dín Muhammad *Khárizmi*.
- III. Jalál-ud-dín Mankbarnin.
- IV. Changiz Khán.
- V. Hasan Kárlagh.
- VI. Uzbek Pái.
- VII. Násir-ud-dín Kubáchah of Sind.

The dynasty of the Khárizmian kings, from their first dawn of independence to their last scion, the heroic Jalál-ud-dín, is as follows:—

	A H	COMMENCED
1. Kutb-ud-dín Muhammad bin Anushtagin,	491	9th Dec 1097.
2. Jalál-ud-dín Atsiz (اسئز)	521	17th Jan. 1127.
3. Táj-ud-dín I'l Arslán (ایل ارسلان) bin Atsiz,	551	25th Feb. 1156.
4. Sultán Sháh bin I'l Arslán	567	4th Sept 1172
5. Alá-ud-dín <i>Abu'l Mu'azzar</i> Takash bin I'l Arslán	589	7th Jan 1193
6. Alá-ud-dín <i>Abu'l Fath</i> Muhammad, bin Takash	596	23rd Oct. 1199
7. Jalál-ud-dín Mankbarnin, bin Alá-ud-dín Muhammad	617	8th Mar 1220.

marked out as peculiarly belonging to their respective ranges. The Túrks are the most extensive and numerous of the three races" (vol. 1. p. 9, 10).

"Alá-ud-dín's troops were chiefly Túrkmáns and Cancaks" (D'Ohsson, 1. 196, Price, ii. 405).

"Chengiz Khán's grand army was a mixed assemblage of many tribes and races. The Tatar tribe formed the advance" (Erskine, 1 p. 534)

Saif-ud-dín Aghniak's forces, during his governorship of Pesháwar in 617 A H, were composed of "Khoulloudjes (Arabs) and Túrkmáns." Yauín Mahik's troops, the same period, were Túrks "Cancaks"—D'Ohsson, 1. 299, 300, 303

¹ Ibn Asir, *Kamil Al-tawárikh*, Toimbeig's Arabic text, p. 103, Fræhn Num Muham 145, and Opuscula postum, by Dorn, 1855, pp. 58, 252, Price, Mahomedan Hist ii. p. 389, Petis de la Croix

Coins of *Alá-ud-dín Muhammad bin Tulash*.No. 61. Gold Weight, 65 grs, size, 6. Ghazni, A.H. 623.¹

India Museum. Similar to Muhammad bin Sam's coin No. 1.

Fihra Recensio. pp. 145, 595. Ariana Antiqua, pl. xx. fig 28

لا اله الا الله

محمد رسول الله

الناصر لدين الله

امير المؤمنين

Margin—Kunán, Sírah ix 33,
and lxi 9

السلطان الاعظم

علاء الدين والدین

ابو الفتح محمد

بن السلطان

بسم الله ضرب

هذا الديار ببلدة عزنة في شير

سنة ثلاث عشرة وستمائة

The silver coins of this Sultán, of which there are three varieties of types, scarcely affect the series of Indian issues, beyond the monogrammatic record of the ancient Mint of Perwán,² whose proximate silver mines contributed so much to the currencies of the south. The mixed silver and copper coins, on the other hand, are strangely identified with the early traditions of the Kábul Brahmans, and show how firmly

¹ Other dates, Ghazni 614, 616, 617 A.H. Badakhshán (undated) J.R.A.S. xviii 203

² Perwán, lat 35° 9', long 69° 16' J.R.A.S. ix, p. 381, and pp. 257, 301-2-3, xvii, pp. 184, 186, 200, 201 "Between 'Járána and Panjur,' are the mines of ore, in which the people dwell, without gardens, orchards, or tilled lands"—Ouseley, p. 225 Erskine's Báber, pp. 139, 146. Mason, in 166

Yákit gives more full information as to the produce of these mines "L'argent y est, dit-on, si abondant qu'une seule boîte de légumes coûte un drachme. La mine est au sommet d'une montagne qui domine la ville . . . et cette montagne, à force d'avoir été creusée, ressemble à une vaste caverne"—La Perse. M. B. de Meynard. Paris, 1861, p. 116

the dominant heraldic device held its own, both among their own home tribes for succeeding generations, and equally received acceptance from so many foreign invaders of the soil.

No 62. Copper Weight, 68 grs.

OBVERSE

Horseman in *Tughra*, to the left.

Legend arranged in vacant corners of the general device

السلطان الاعظم علا الدنيا والدين



REVERSE.

Bull in *Tughra*

أبو العج

محمد بن

السلطان

Some specimens have outer margins with الله رسم الله, etc.

No 63 Variety No. 10, plate and No. 56, page 203, J.R.A.S. xvii; Prinsep's Essays, pl xxxiii fig 2.

Obverse—Horseman in *Tughra*

Reverse—Full front face in *Tughra*.

The palpable and obvious legends usually inserted in the vacant spaces around the leading device are seemingly omitted in this specimen, but on closer examination the flowing lines of the figure of the Horseman are seen to be composed of crypto-writing, arranged with considerable skill, so that an ordinary observer would scarcely detect the departure from the standard design of the earlier mintages. It is more difficult, however, to say what *is* and what *is not* designed to be conveyed in this elaborate monogram,¹ but I fancy that I am

¹ These cyphers or monogrammatic enigmas found much favour with the Turks, as may be seen in the Ottoman Sultán's complicated *Tughras* composing the ordinary central device of the currency of Constantinople. The earliest example, in this series, is that of Urkhán bin Usmán, A.H. 726 (Marsden, No. 379). The *Tughra* or monogram of سلمان بن ابراهيم خان (A.H. 1099) is described by Marsden "as produced by a fanciful distortion of the characters that express the name" (p 404).

able to trace a considerable portion of the authorized Muhammadan *Kalimah* محمد رسول الله ¹

On the reverse is to be seen a most eccentric Chinese-looking pattern, which resolves itself, on examination, into a full-front human face. The Arabic word عدل occupies the vacant space on the forehead, while the eyebrows, nose, and cheek-bones are formed after the composite design of a strung bow, with the arrow in position pointing downwards, its forked point representing the nostrils. Two simple dots below the bow-string, one on either side of the arrow, answering for the eyes, complete the picture. Traces of Kufic

¹ My comments, in 1858, on a parallel piece, were to the following effect —

“In the absence of the coin itself, it would be rash to speculate upon the true purport of this obverse, or the tenor or language of the partially-visible legend. The reverse figure of the horseman, however, offers tempting material for the exercise of analytical ingenuity.

“That the lines of which the device is composed were originally designed to convey, in more or less intelligible cypher, some Moslem formula, there can be little question. How much latitude in the definite expression of the letters was conceded to the needful artistic assimilation to the normal type, it may be difficult to say. But, though I should hesitate to pretend that my eye could follow the several letters of the full *Kalimah* of محمد رسول الله, I have no doubt that those words are covertly embodied in the lines forming portions of the general outline. The Kufic محمد is palpable, when reading upwards from the front of the butt-end of the spear, portions of the رسول may be traced along the spear itself, and the rest may be imagined under the reasonable latitude already claimed, and, lastly, the الله may be discerned in virtue of its very obvious final ل, which appears over the horse's hind-quarters.

“The practice of reticulating words and names into device embellishment, for the coinage was in high favour with the Sâmání mint-masters, and we have numerous instances of a similar tendency among the Muhammadan races who succeeded to much of the civilization of the Bukhárá empire, with the modified boundaries or altered seats of government, incident to their progress towards the richer provinces of the south. To confine myself to a single exemplification, however, I may cite the Ghaznaví (Láhor) currency, with the recumbent Bull in Taghla on the obverse, and with a Kufic legend on the reverse. In the lines of this ancient and revered Hindú device may here be read, in all facility and in two several directions, the name of the prophet of the Arabs, محمد.”—Prinsep's Essays, pl xxxiii. fig 2.

writing are to be seen on the margin outside the square frame which encompasses the face.

No. 61. Silver and Copper.¹ Weight, 49 grs

For engraving, see *Ariana Antiqua*, pl. xx fig 4

OBVERSE.

No device.

Legend in a square area

السلطان

عظم سکندر

الثاني

No 65 Copper.

OBVERSE

السلطان

الاعظم ابو

الفتح محمد

REVERSE.

Bull in *Tughra*, much debased, and similar in outline to the Peshāwar coins of Muhammad bin Sām (No 12).

Traces of Hindi letters at the top सप्त ? at the foot علا

REVERSE

The Kurman style of Bull, with the word کرمان inscribed on its side.

No. 66. Variety, with the Mint کرمان introduced *below* the Bull.

No 67. Silver and copper.

OBVERSE.

No device.

Legend within a square

السلطان الاعظم علا الدين والدين

No 68 Silver and copper

OBVERSE,

as in No. 67



REVERSE

Horseman, to the left.

محمد بن السلطان

Below the horse بكش

Weight, 53 grs

REVERSE

Horseman to the right

محمد بن السلطان

In a line with the spear نامان

¹ 606 A H "On inséra dans son monogramme (Tougra), à la suite de son nom, l'épithète *d'ombre de Dieu sur la terre*, et l'on voulut, selon la coutume, ajouter à ses titres celui de second Alexandre Il préféra le surnom de Sindjar, qui lui parut de meilleur augure, parce que le prince seldjoukide avait régné quarante-un ans."—D'Ohsson, I. 182

No 69 Silver and copper. Small coin, Dehliwal form

OVERSE	REVERSE.
السلطان	The usual Indian type of Horseman to the right.
علاءالدین	Traces of स्री हरीरः
السیدین سکندر	
الثانی	

No. 70 Variety, in copper. Engraved as No. 8, pl xx
Ariana Antiqua

Other varieties of Alá-ud-dín Muhammad's coinage. to which it is unnecessary to refer in detail, bear the names of the mints of زمين داور *Zamindáwar*, هرات *Hirát*, پشاور *Parshor* (Pesháwar), طالكان *Tálakán*, and سفوركان *Sufúrkán* (Shubbergán). See J.R.A.S. xvii. p. 203, etc.

Coins of Jalál-ud-dín Mankbarnin ¹

No. 71 Silver. Weight, 47 grs Unique. Masson collection.
E. I. Museum

OVERSE.	REVERSE
جلال الدین	الناصر
والدين مكرن	السیدین
بن السلطان	امير المومنین

¹ Almost all the Oriental authorities concur in writing this name as *Mankbarnin*, and D'Ohsson explains its meaning under that transcription as *Manyov*, "l'eternel," *bi is ou vi di*, "donné"—Dieu-donné, 1. 195. The final consonant, in the name, on this coin is absolutely identical in form with the terminal letters of **دين**, المومنين and سلطان, بن. There are, however, no dots, and the last syllable may possibly be intended for **بن** *min*, which compromise I have adopted throughout.

No. 72 Silver and copper. Weight, 45 grs Rare

OBVERSE—Horseman to the left, in broad lines.

REVERSE—Legend in square Monumental Kufic . . . جلال

No 73 Silver and copper Weight, 14 grs.

OBVERSE—Horseman to the left, treated more after the Indian style.

Traces of स्त्री, etc.

REVERSE—In ordinary Persian letters,

السلطان الاعظم جلال الدنيا والدين

Coins of Jalál-ud-dín Mankbarnin (minted in India).

No. 74 Silver and Copper Weight, 54 grs.

Horseman

Bull

श्री हमोरः

श्री जलालदी

Sri Hamrah

Sri Jaláladín.

N B—I had some doubts, in early days, as to whether these coins should be preferably attributed to *Ruziah*, Jalál-ud-dín *Firúz*, or to Jalál-ud-dín *Kháruzm Sháh*. I have now definitively fixed upon the latter assignment on more exact Palæographic grounds, in addition to the arguments already brought forward against the claim of *Firúz* upon the typical evidence—*Patán Sultáns*, 1st edition, p. 30.

No 75. Copper

OBVERSE.

REVERSE.

السلطان

منكبرن

الاعظم

بن السلطان

OBVERSE—Dotted margin within double lines.

REVERSE—Dotted margin inside a single circle.

Coins of Changiz Khán.

No. 76. Silver. Weight, 47 grs Rare. India Museum.

العدل

الناصر

الاعظم

لدين الله

جكر خان



امير المومنين

No. 77. Silver and copper. Weight, 63 grs.

(Similar in treatment.)

عدل

خاكان

الاعظم

Same legend.

No. 78. Copper. Kurmán.

عدل خاكا

ن المعظم

كرمسان

Similar legend

The name of *كرمان* is written in precisely the same combined form as that in use on the later coins of *Alá-ud-dín*, that is to say, with the end of the *ر* run into the succeeding *م*.

Saif-ud-dín Hasan Kārlagh.

Saif-ud-dín Hasan Kārlagh,¹ one of the leading generals of Jalāl-ud-dín Mankbarnin, was left in charge of the dependencies of Ghor and Thazni by that Monarch on his departure

¹ Lorsque Ogouz fils de Caca-khan était en guerre avec ses parents, il triompha de ses ennemis, conquit plusieurs pays, et devint un monarque puissant. Il convoqua, pour lors, une assemblée générale, où il témoigna sa satisfaction à ses parents, à ses officiers et à ses troupes, et donna à ceux de sa famille qui l'avaient secouru, le nom d'Ogouzes, qui veut dire, en turc, *allies, auxiliaires*. Ce nom demeura à tous leurs descendants, quoique, dans la suite, divers circonstances leur aient fait donner des noms particuliers, comme ceux de *Coloues, Calladjes, Kiptchacs*, etc., mais le nom générique d'Ougours ne leur en est pas moins resté.—D'Ohsson (quoting the *Jam'i ul Tuvárikh*), i 426. On compte encore parmi les branches des Ogouzes 1, Les Ougoumes, 2, les Canakhs, 3, les Kiptchacs, 4, les Carlouks, 5, les Calladjes, et 6, les Agatcheïs. Ces nations turques habitaient la partie occidentale de l'Asie centrale. Le territoire des Ougours s'étendait jusqu'aux monts Altai, à l'est de cette chaîne on trouvait des peuples qui appartenaient, les uns, à la race turque, les autres, à la race tatare ou mongole (i. p. 423-4).

from India, en route for Irāk, in A.H. 620.¹ He is noticed casually by Minhāj us Sirāj about the year A.H. 624, as securing his possessions from the plundering Moghuls of Oktai, by coming to terms with the invaders,² and he seems to have been able to hold his own, in an uncertain way, till A.H. 636, when the Moghul advance in force finally drove him down towards Sind and Multán.³ This occurred during the reign of Ruziah, and his eldest son seems to have been deputed to attend the court of that Queen, where he was received with distinction, and complimented with the charge of the dis-

¹ The following is the Arabic text of Abulfeda relating to Hasan Karlagh, iv. 38 f

ولما عزم جلال الدين علي الودائي جبهة العراق استتاب بهلوان
ازبكت علي ما كان يملكه من بلاد الهند واستتاب معه حسن فرائ
ولعه وفا ملك وفى ستة سبع و عشرين و ستماية طرد وفا ملك
بهلوان ازبكت واسولى وفاملك علي ما كان يملكه بهلوان من بلاد الهند

This is the *Hasan Career* of Deguignes. "Lorsque Djelaleddin eût appris que les Mogols avoient repoussé le Gihon, il vint à Lahor dans le dessein d'aller soumettre l'Eriague. Il laissa dans ses nouvelles conquêtes deux officiers, Pehlevan Uzbek et Hassan Caniac, surnommé Ouapha Mouk. Ce dernier dans la suite chassa Uzbek, et s'empara de tout ce qu'il avoit aux Indes" (l'an 627 de l' Hegire) Book xiv. p. 281, vol. II.—D'Osson says, "Djélal laissa à Euzbeu le gouvernement de ses possessions dans l'Inde, et à Vefu-Mélik, celui des pays de Gou et de Ghazna (620 A.H.)" II. p. 4

² Tabakát-i-Nasiri (Calcutta text) p. 388

ملك سبب حسن فرلع رحمة الله علمه چند كرت چو
ديد كه استلاى كفار را جز بطريقى خدمت دفع نمنوان كرد با
ايشان بوجه خدمت پيش باز آمد و شحنگان ممول كرد

Khuḥmat is here used in the sense of tribute, as in the recognised *Khudmatana*, etc. *شحنگان* is a word the derivation of which is not quite clear, but the meaning here seems to refer to "receivers" or collectors, rather than to Protectors, or "the Police," as Johnson interprets the term *شحنگي*.

³ Tabakát-i-Nasiri, p. 392.

trict of Baran (now Bulandshahr); shortly afterwards he disappeared, with little ceremony, and rejoined his father. Saif-ud-din Kharlagh was eventually killed, during this same year, at the siege of Multán, by a troop d'élite of Eiz-ud-din Balban, *Kishlu Khán*, the governor of Uchh¹ and Multán, on

¹ As the town of Uchh has of late sunk into obscurity, I quote a brief account of its monuments from a description of Uch-Sharif, in 1838, by *Munshi* Mohan Lal —“*Uch*, surnamed *Uch-Sharif*, or holy *Uch* (lat 31° 12', long 72° 3'), which, being near the junction of the unred streams *He-udus*, *Haphras*, and *Hydaotes*, *Acesines*, and *Hydaspes*, attracts the notice of geographers, contains numerous sepulchres of the Muhammadan saints. The oldest of all is that of *Sháh Saif ul Háqqáí*. A miserable wall without the roof enshrouds the dust of the above saint. If I write the respective names of the saints of *Uch*, along with their incredible miracles, I fear to enlarge my remarks, however, I presume to lay before you the endeavours of my feeble pen in regard to *Sháh Saif Jalál* and his reputed descendants. He died 600 years ago, and is said to have lived to the age of 150. His tomb, which is inside a large but gloomy room, is elevated about five spans from the surface of the ground. It is a very simple building, adorned with the poor, flint and old canopy. Both of last sides have ten graves of his offspring. They are distinguished by one rising above the other, which fill the entire position of the room. None of them have any kind of inscription.

“The tomb where the body of the *Makhdúm* rests is a very poor structure, but raised about seven feet high from the ground, which is concealed by numerous other graves. There is nothing admirable in the shrine of the *Makhdúm*. Three small openings give light inside the apartment. The following Persian inscription, written on the door, presents us with the date of the *Makhdúm's* death.

ناریک گشت جمله جهان بجمال شاه
تاریخ بود هفتمصد و هشتاد و پنج سال

“When the world was covered by darkness without the countenance of the *Sháh* (or *Makhdúm*). The date was 785 of the *Hijri* era.”

“The mausoleum of *Makhdúm Jaháníán Jahán Gasht* is annually visited by the pilgrims of the distant country. It is very odd that the tombs of the saints of the holy *Uch*, who possessed such boundless reputation and respect in days of old, have been not adorned with any kind of architectural beauty, either by their posterity or believers, except that of ‘*Bibi Jind Vadi*,’ (or the lady of the long life). It is situate on the verge of a precipice, which commands the old bed of the *Punjab* rivers, and gives a romantic view. The southern part of this magnificent sepulchre has been unfortunately swept away by the late inundations. The door opens towards the East, and has a sight of the other two cupolas. They excel in material and handsomeness the others of *Uch*, except that of ‘*Bibi Jind Vadi*.’ ‘*Bibi Jind Vadi*’ was one of the descendants of *Sháh Saif Jalál*,

the part of Riziah. Saif-ud-dín's generals, however, having succeeded in concealing the fact of his death, were able to secure the surrender of the town.¹

Saif-ud-dín Al-Hasan Karlagh.

No 79. *Silver* Weight, 169·5 grs (Six specimens E. India Collection.) A II, 633, 634.



لا اله الا الله

محمد رسول الله

المسمر بالله

امير المؤمنين

Dotted margin

سيف

الدين والدین

ابو المظفر الحسن

نراغ

هدد الدرهم فی شهر—Margin

سه ثلث و ثلثین و ستعایه

These coins are apparently Camp Mintages, as they bear no trace of the name of a Mint city: in their weight and general outline they seem to have been imitations of Altamsh's new currency.

of whom I have already spoken. The dome in which she sleeps is erected of burnt bricks, which are cemented by mortar. The whole of the edifice is ornamented by various hues and lapis lazuli of the celebrated mines of *Badaikhshdn*. The size of this grand building may be estimated at about 50 feet high, and the circumference 25. '

² *Tabakát-i-Násiri*, p. 270

No. 80 Copper (or mixed copper and silver)¹

Rajput	سب
Horseman	الدنيا والدين
with श्री हसीरः	أبو المظفر الحسن
<i>Śrī Hamīrah.</i>	درلخ

No. 81. Silver and copper. Coin in the East India Collection

Rajput	(سب)
Horseman.	الدنيا والدين
Traces of	أبو المظفر الحسن
श्री हसीरः	بن محمد

If this coin is correctly attributed, it would prove that Hasan Karlagh's father's name was Muhammad.

No. 82. The most curious coins of Hasan Karlagh, however, are those of the "Bull and Horseman" type, with Hindi legends, which follow the model of the *Dehliwālas* of Kubāchah of Sind. The name is oddly expressed, and the letters themselves are peculiar in their forms; but I have little doubt that the correct reading of the legend is as follows.

श्री हसन कुरल *Śrī Hasan Kurā.*

These coins, I believe, have never either been figured or published. They are common enough, as I have some six of them in my own limited collection²

¹ These are the coins entitled *Dehliwālas*, following on to the previous models of Nāṣir-ud-din Kubāchah of Sind—*Asiana Antiqua*, pl. xx. 19, Prinsep's *Essays*, pl. xxvi. 47

² After the above descriptive details of the coins of Hasan Karlagh and his son Muhammad had been set up in type, I discovered that General Cunningham had already put upon record, in his *Archæological Report* to the Government of

Násir-ud-din Muhammad bin Hasan Karlagh.

I anticipate the due order of epochal sequence, in order to dispose of the coins of Hasan Karlagh's son in immediate connection with those of his father

India (1863-4), certain speculations upon the attribution of these pieces, which are in many respects so opposed to my own deductions as to make me desire that the General should state his case in his own words, without further comment on my part, beyond a momentary expression of dissent from the association of the Bilingual coins of *Nási-ud-din* (Asian. Ant. 132, Princep's Essays, i. 37, pl. n. 14), with the other specimens, which, on palaeographical grounds, I should be disposed to sever, both in time and locality, from the rest of the crude Indian issues

"The first invasion of Indo-Scythians must have caused a very general displacement of the ruling races. The vanquished would naturally have sought refuge in the less accessible districts around, and to this period, therefore, I would refer the settlement of the *Avans* and *Jayukhs* in the Salt Range to the south, and of the *Gakhs* in the hilly tracts of Peshawár and Dáragh to the north-east

"Of their subsequent history but little is recorded, we know only that they were divided into several branches, and that they had all become Muhammadans. In the time of Báber, the ruling tribe, called the *Karluk Hazaras*, hold the districts on both banks of the lower Subán River, under their chiefs Sangar Khán Karluk and Muza Malv Karluk. At a still earlier period the chiefs of this tribe, Hasan Karluk and his son Muhammad, had asserted their independence by striking coins in their own names. The coins of the father are of the well-known 'Bull and Horseman' type, with the legend in Nágarí letters, '*Sri Hasan Karluk*.' The coins of the son are of three different kinds, two with Persian characters only, and the third with Persian on one side and Nágarí on the other. On the last coin there is a rude figure of a horse surrounded by the chief's name, *Násir ud dund wa ud din*, in Persian letters, and on the reverse his name in three lines of Nágarí letters, *Sri Muhammad Karluk*. On one of the Persian coins this chief calls himself *Muhammad bin Hasan Karluk* (محمد بن حسن كارلوك), and on the other he takes the titles of *ul-Malik ul-Mu'azzam Muhammad bin Hasan*. From the types and general appearance of these coins their date may be fixed with certainty as coeval with those of Altamish and his sons, or from A.D. 1210 to 1265. The accuracy of this date is strongly confirmed by Fershtah's account of the first campaign of Násir-ud-din Mahmúd, the youngest son of Altamish. In July, A.D. 1217, Mahmúd proceeded to Multán, and then to the bank of the Chenáb, from whence he sent his Vazir towards the mountains of Jud and the provinces on the Indus

. . . According to this account, the rebellion lasted for about twelve years, from the death of Altamish, in A.D. 1235, until the close of Mahmúd's campaign in the end of 1247. It is to this period that I refer the assumption of independence by Hasan Karluk and his son Muhammad. The age of the coins, as I have observed, corresponds exactly with the date of this rebellion, and the coins themselves before are found in greatest number in the rebellious districts of the mountains of Jud" (pp. 8, 9).

There is little to be gathered concerning the history of Násir-ud-dín Muhammad, the son of Hasan Karlagh. He seems to have succeeded to his father's dominions in Sind, and to have been held in consideration as a powerful monarch.¹ He was still reigning on the arrival of the Ambassadors of Húlágú Khán in A.H. 658.²

Násir-ud-dín Muhammad bin Hasan Karlagh

No 83 Copper. Weight, 53 grs. Coarse Persian legends covering the entire surfaces of the coin



No. 84 Copper Weight, 16 grs. Small coin, with dotted margins, similar to the pieces of Jalál-ud-dín (No. 47, J.R.A.S. p. 383, vol ix) and Changiz Khán (p 385, *ibid.*)



Uzbeg Pa', Commandant in India, on the part of Jalál-ud-dín Mankbarnin

General Cunningham, who, in the course of his official duties, was once permanently stationed at Multán, secured, during his residence at that ancient city, among many other local curiosities, some small coins hitherto unassigned, which, in spite of a somewhat unorthodox orthography, I am in-

¹ *Tabakát-i-Násiri*, p. 320.

چون ملك ناصر الدين محمد يكي از ملوك نامدار عصر خود بود

² *Ibid* pp. 316-321. See also Elphinstone's *History of India*, p. 379

clined to appropriate to Uzbek Pai,¹ the commandant associated with Hasan K̄arlagh on Jalāl-ud-dīn's departure from India. They may be described as follows.—

No 85 Silver and copper (or copper?) Weight, 25 grs.
(2 specimens)



Circular area

یصو

پئی

"Yusbak Pai"²

Marginal legend defaced

Square area, with dotted lines
and dotted margin

صرب

ملتان

"Struck at Multān."

SUMMARY OF THE EVENTS OF THE REIGN OF KUBÁCHAH¹

A H 600. Appointed to the Government of Uchh by Mu'izz-ud-dīn, shortly after his defeat at Andkhod, takes possession of the entire country from Sirhind, Kohām, and Sirsuti, to Daibal and the sea, and assumes the ensigns of royalty.⁴

¹ See ante, p 93; and Elliot's *Historians*, ii pp 395-6, 551, 563.

² پای pây for پای "a foot," is quite authorized.

³ The derivation of this name, or rather *lakab*, or nickname, is uncertain. Taking it as coming from قَمَا, "coat, cloak, or jacket," it would mean "small or short time," possibly a *postea* (پوستن), but if we are to accept the *Hand*'s transcription of *Kubachah*, it would answer to "rather fat," "plump."

⁴ The *Tuhfat ul Kirām* (A H 1188) gives the following details regarding the tributaries of Kubāchah:—"During the reign of Kām Shāh his dominions were parcelled into four divisions—one of which, comprising Multān, the whole of Sind and Uchh, became subject to Nā'ir-ud-dīn Kubāchah. At that time the following seven Rānās in Sind were tributary to Multān—1. Rānā Bulmā Sa'ta Rāthor, of Dabra, in the district of Dmbela, 2. Rānā Sanī, son of Dhamāj, of the tribe of

- Λ π 613 Lāhor taken by Shams ud-dīn Altamsh, who appoints his oldest son, Nāsir-ud-dīn Mahmūd, to the charge. Kubāchah encounters the troops of Tāj-ud-dīn Ilduz, and is defeated. Many celebrated personages take refuge at his Court. Jalāl-ud-dīn defeated on the Indus, in Rajab. 618 Λ π He subsequently enters Sind; and his general, Uzheg Paī, overcomes Kubāchah near Uchh.
- „ 621 The Mughals under *Tūh Nowāz* besiege Multān for forty days.
- „ 623 Army of Khiljīs, under *Malik Khān Khiljī*, invade Mansūrah and Sehwan. Kubāchah routs them.
- „ 624 Minhāj us Surāj, the future author of the *Tabakāt-i-Nāsiri*, arrives at the Court of Kubāchah at Uchh.
- „ 624. Rab'ul awwal, Shams-ud-dīn, presents himself before Uchh. Kubāchah is besieged in the Fort of Bhakar.
- „ 625 (27, Jumād ul awwal), Uchh surrenders. (Jumād al Akhir), Bhakar taken. Kubāchah drowns himself.¹

No. 86. Silver and copper, with a large proportion of silver
Weight, 50 grs.

86a Silver and copper, the copper predominating. Weight, 53 grs.
For engravings see *Asiana Antiqua*, Prinsep's Essays, xxvi 28, 29.
Journal Asiatic Society of Bengal, vol iv pl xxxvii 28, 29

HORSEMAN.

स्री हमीरः

Srī Hamīrah.

Subordinate Mint mark below
the Horseman ω

BULL

स्री कुवाचा सुरित

Srī Kubāchā Suritān.

At times, when space will allow,
the final ण is duly inserted.

Kureja Samma, residing in Tūng, lying within the district of Rāpāh, 3. Jauar son of Jayi Māchhi Solanki, of Manuktara, 4. Wakia, son of Pannun Channūn, who was established in the valley of Siwa, 5. Channūn, son of Dita, of the tribe of Channa, resident at Bhāg-nar, 6. Jiya, son of Wanāh, of Jham, or Hemakot, 7. Jasodhan Akia, of Min-nagai district of Bāmbāwā."—Elliot's *Historians* 1. 340

¹ Minhāj us Surāj, Persian text, pp. 142, etc., Tāj ul Maāsiri, MS, Elliot's *Historians*, 1. 340, u. pp. 155, 201, 233, 241, 281, 302, 325, 336, 554, 563. Desguignes, 1. 414, "Cobah"; D'Osson, iii 4, "Canadja"

These coins seem to be direct imitations of the original *Dehluwálas*; they vary in the apparent quality of the metal, from nearly pure silver to a very close approach to simple copper, in the same way that the composite pieces of Altanish exemplify the prevailing system of giving effect to the gradational values of the public money, by the mere modification of the proportions of silver and copper assigned to each division of the currency, without any corresponding alteration in the weight, form, or stamp of the discriminated pieces, or any indication calculated to guide the trader beyond the mere glint and superficial touch of the coin tendered.

Kubáchah's circulating media seem to have been exclusively confined to this species of coin, which, though possibly minted according to the varying boundaries of his dominions, from Sirhind to Bhakar, are invariably termed *Dehluwálas* (دهلوال), and evidently constituted the only coined money in ordinary use, as we find his son, 'Alá-ad-dín Muhammad, presenting Altamsh with ten million *Dehluwálas* as a peace-offering, and when the contents of Kubáchah's treasury came to be examined by his conquerors, they are reported to have found the large sum of fifty million pieces ("500 laks") of this description of money

No. 87 Silver and copper. Weight, 50 grs.

For illustrations see *Asiana Antiqua*, pl xx 19; Prinsep's Essays, pl xxvi. 47, J A S Bengal, iv. pl xxxvii 47.

HORSEMAN.

With the local form of

खी हमीरः

Below the Horse there is occasionally a small device, varying from O to the *star*, so frequent on the parallel *Iliduz* series

سمر

الدنا و الدين

ساجه

السلطان

Dotted margin

¹ M.S. Tāj ul Maábir, Elliot's *Historians*, ii 242, Prinsep's *Essays*, ii 326.

The Hindi legends on these bilingual coins are marked by several peculiarities in the outlines of the letters, which remove them from eastern sites and the normal style of writing current in Dehli and Ajmír, and associate them more directly with the proximate localities of Sind and the lower Punjab. The $\text{ब } b$ is formed like a modern $\text{प } p$, with a dot in its centre; the $\text{च } c$ is similar to an ordinary Bengali $\text{ব } b$, in which respect it accords with Cháhar Deva's Ajmír type of the letter. The $\text{ह } h$ in the *Hamirah* follows the fashion of the Gupta Inscription at Allahabad, and reverses the ordinary turn of the lower limb of the letter.

FIFTH KING (A.H. 633-634, A.D. 1235-1236).

Rukn-ud-dín Fírúz Sháh, after having been exercised in the duties of government during his father's lifetime, at Budaon (625 A.H.) and Láhor (630 A.H.), became heir apparent on the decease of his elder brother, Násir-ud-dín Mahmúd, in 626 A.H., and finally succeeded to the *masnad* in Sh'abán, 633 A.H. His brief reign of six months and twenty-eight days, marked only by his indulgence in low tastes and debaucheries, may be said to have been altogether barren of public events, with the exception of the various coalitions of the nobles, organized to defeat the intrigues and cruelties of the Queen Mother (Sháh Turkán), which indirectly led to the Sultán's dethronement.

The Persian coins of this king are rare; engravings were given in my original work on the Pathán Kings (see pl. i. Nos. 24, 25, 26), but the attribution of the pieces was confessed to be uncertain. New examples, however, have fully confirmed the assignment then proposed, and enable me to

improve the previous reading from السلطان المعظم ركن الدين to the following, which is taken from one of Col. Guthrie's coins.

No 88 Silver and copper Weight, 50 grs

Horseman
With traces of
श्री हंसीरः
Sri Hammīrah

السلطان
الاعظم ركن
الدنيا والدين
.

The المظم of the earlier described coins is quite correct, the Sultán, like his father before him, having advanced his honorary title. The imperfect rendering of ركن الدين بن may be authoritatively corrected into the usual الدنيا والدين. I am now also able to cite specimens of Rukn-ud-dín's *Hindi* currency.

No 89 Silver and copper. Weight, 51 grs Very rare.
Stewart collection, B.M.

Horseman.
श्री हंसीरः
Sri Hammīrah.

Bull couchant.
सुरिताण श्री रुक्म दीण
Suritán Sri Rukma dīn
On the *Jhál* of the Bull ||| ?

SIXTH REIGN (A.H. 634-637; A.D. 1236-1239).

The celebrated Queen Regnant of Muhammadan India—Rizíah, the daughter of Altamsh—succeeded to the possession of the capital on the fall of Sháh Turkán, the mother of Rukn-ud-dín, in the third month of A.H. 634. The ministers at her father's court had been scandalized at the preference he had proposed to extend to a daughter, in supercession of the claims of adult male heirs to the throne; but the Sultán justified his appointment—the execution of which was, however, evaded—alike on account of the demerits of his sons, and the gifts and acquirements of his daughter, who had been brought up under a degree of freedom from the seclusion enjoined for females by the more severe custom of ordinary Muslim households, aided by the advantages incident to the exalted position occupied by her mother as the chief and independently-domiciled wife. The sovereignty of females, it must be remembered, was not altogether at variance with the ideas of the semi-nomad race, whose leading court in Central Asia gave a tone to the feelings of their Muslim fellow countrymen, so many of whom were now domesticated in the south. From the days of Tomyris the right to govern was admittedly open to the sex, and proximate examples were offered for Indian imitation in the persons of the two princesses of Khárizm, *Malika Turkán* (567 A.H.) and *Turkán Khátún*, the latter of whom held more absolute sway¹ than

¹ D'Ohsson, i 198, etc. The use of an independent seal and signet shows that there was no possible reserve in the claims put forth. The tenor of the legend of which has been preserved "Son monogramme (Tougra), qu'elle écrivait de sa main sur ses ordonnances, se composait de ces mots *Proiectrice du monde et de*

her own son, 'Alá-ud-dín, whose outposts encircled nearly half of Asia.

Riziah's direct rise dated from the capture of the Queen Mother, so that, in effect, the transfer of dominion was from one female to another. The author of the *Tabakát-i-Násiri*, a forgiven rebel,¹ enlarges warmly upon the many merits and accomplishments of his Sovereign, lamenting, however, that all these excellencies should have been nullified by the single defect that the court chroniclers of the period were unable to return her birth in the list of males.²

After the brief reign of Rukn-ud-dín Fírúz, who freely exemplified by his misconduct his father's prophetic reproach, Riziah succeeded in establishing her supremacy, and Eastern eyes witnessed the singular spectacle of an unveiled and diademed Empress—the first in India—directing the hosts of Islám under the canopy of the immemorial regal seat on an elephant. Riziah's early inauguration was attended with no inconsiderable danger and difficulty, arising from the opposition of the Vazír and the organized military resources of the various governors of provinces, who hesitated in conceding their allegiance. Eventually, however, to quote the expression of Minháj us Siráj, quiet was established throughout the empire, and Riziah's sway was acknowledged from

la foi, Tu n'en reviens des femmes de l'univers et sa devise était Dieu seul est mon refuge Elle prenait le titre de *Khoudavend Dyhan* ou souveraine du monde." See also PINEC, II pp. 393, *et seq.*

¹ (A II 635). "There being no possibility of resistance, the well-wisher of the victorious government, Minháj-i Siráj, together with the Chief Justice of Gwalior and others, came out of the fort and proceeded to Dehh"—Elliot's *Historians*, II, 335.

² اما چون ار حساب مردان در خلعت نصب نماند بود اینهمه

Ferishtah, Bugis, I 217. Text, p 185 صفات گریده چه سودش کند

"Daibal to Lakhnauti." Things were thus prosperous with her, when the drawback of her sex first developed itself. It was not that a virgin Queen was forbidden to love—she might have indulged herself in a submissive Prince Consort, or revelled almost unchecked in the dark recesses of the Palace Harem—but wayward fancy pointed in a wrong direction, and led her to prefer a person employed about her Court, an Abyssinian moreover,¹ the favours extended to whom the Túrki nobles resented with one accord.

In A.H. 637, the Empress proceeded in person to quell an outbreak on the part of Ikhtiar-ud-din Altúniah, governor of Sirhind. In the engagement that ensued, Jalál-ud-din Yakút, the Abyssinian, was killed, and Ríziyah, as a prisoner, possibly with scant ceremony, found herself introduced into the *Zandána* of the conqueror, who shortly afterwards advanced upon Dehh in the hope of recovering the sovereignty, to which he had thus acquired an adventitious claim; but his army was in turn defeated, and he himself and Ríziyah met their deaths near Kaithal, in the month of Rab'i-al-Awwal, A.H. 638.²

¹ A like prejudice against this race does not seem to have been felt by Arabs in Baghdád, as the Khalif Mustan-ir, whose name figures in the place of hierarchical honour on the coins of Ríziyah, had a successor born to him by an Ethiopian slave. It is true that Must'assim did not do much credit to his hybridism—D'Oheson, iii 207, 213.

² *Tabakát-i-Násiri*, pp 183-5, 251, Elliot's *Histories*, ii 331, Briggs's *Ferishtah*, i, 220, Ibn Batutah, iii 167-8. The traveller from Tangier (in or about 734 A.H. = 1333 A.D.), remarks, "Son tombeau est actuellement visité par des pèlerins, et regardé comme un lieu de sanctification. Il est situé sur le bord du grand fleuve appelé Djoûn, à une parasange de la ville de Dihli." See also Syud Ahmad's "*Asm-i-us-Sunnadeed*," p 65, and *Journal Asiatique* (1860), p 395.

No. 90 Silver. (Pl. i. fig. 27, and pl vi fig 1) Weights, 165 grs. and 167 grs. Lakhnauti¹ Very rare Prinsep, B.M., Col. Guthrie, and Gen. T. P. Smith's coin, dated A.H. 635.

Square area, formed of double lines, within a circle

فی عهد الامام

المستنصر امر

المومنین

Margin—

صرب هذا الفضة لکنوتی سنة . .

السلطان الاعظم

جلالة الدينساو الدين

ملکه ابنت الشمس السلطان

مهرة امر المومنین

No margin. The legend occupies the whole obverse.

¹ It would seem from the orthography adopted in this the earliest record of the name of *Lakhnauti* (لکھنوتی) that the original Semitic transcription was designed to follow the classical derivation of *Lakshmanavati* (लक्ष्मणवती), which was soon, however, adapted to the more colloquial *Lakhhman* (لکھمن) by the addition of an *h* after the *k*, as لکھنونی, in which form it appears under the first local Sultāns (coins of Kai Kāūs, pl vi. fig 2) Minhāj us Sirāj deposes to its elevation to the rank of the capital in succession of Nuddaah by Muḥammad Bakhtīār in the following terms—
جون محمد بختيار آن مملکت را صابت—
کرد شهر بود به را خراب بگداست و بر موضعی که لکھنونی است
دارالملک ساخت (printed text, p. 151) The same author, at p. 162, gives a full account of the remarkable size, advancement, and general topography of the city as existing in 641 A.H. on the occasion of his own visit.

It is difficult to say when the name of the town was changed to *Gau*, a denomination which is never made use of by the older authorities. Ab'ul Fazl says, 'Formerly it was called Lucknouty, and sometimes Gau' (A.A. ii. p. 11), while Badaoni gives a ridiculous version of the origin of the designation as being derived from *Ghori* غوری. He states—
و محمد بختيار معاد و نتخابهای—
کفار را ویران ساخته مساجد و خواق و مدارس کرد و دارالملک
دارد بنام خویش بهمر فرمود که کور نام دارد. The obvious imperfection of the critical philology of the derivation, however, debars its reception, as does the

No 91. Silver and copper. (Pl. 1, Nos. 28 and 29) Weight,
47 and 49 grs Very rare

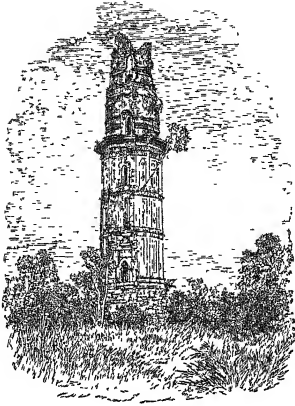
Obverse—السلطان الاعظم رضى الله عنه والدين

Reverse—Horseman and Sū Hamirah

Until lately, the term Riziah was looked upon as conveying a name and not a title. The coins above quoted appear to demonstrate the contrary to be the fact: the silver medal negatively, inasmuch as it does not give Riziah as a name, and the copper coins positively, in displaying the Riziah joined to the *ud dunya*, etc. The *Tabakāt-i-Nāsiri*, in enumerating the names of Altamsh's family, designates her as سلطان رضى الدين, and heads the chapter of her biography with the same designation of السلطان رضى الله عنه والدين.

It will be remarked that the coins give the title of Sultān in the masculine gender, whereas all the rest of the Persian legend is duly couched in the feminine. This curious affectation of the superior sex in regard to her regal position accords with the accounts of Indian writers, that "changing her natural apparel" she "assumed the imperial robes." Moreover, Minhāj us Sirāj generally speaks of her as بادشاه (p. 195).

caustic alternative of گور="grave," which the often deserted site, under the sporadic action of water and a semi-tropical vegetation, may have deservedly earned for it. But it is quite legitimate to infer that গৌড় was the ancient name for central Bengal (Wilson, *Glossary, sub voce*, Albidini, *Roman, Mon. sur l'Inde*, p. 298), and so intimately associated with the tribal divisions of the indigenous Brahmins, that the designation originated in the popular application of the name of the country to its own metropolis, and that the town continued to be called *Gau* in vernacular speech in spite of the new names so frequently bestowed upon it by its alien lords.



MINARET AT GOUR, THE ANCIENT CAPITAL OF BENGAL.

"One of the most interesting of the antiquities of the place (Gour) is a minar, standing in the fort. For in 600 fathoms of the height it is a polygon of twelve sides, above that circular, till it attains the height of 81 feet. The door is some distance from the ground, and altogether it looks more like an Irish round tower than any other example known. It is evidently a pillar of victory—a *Jaya Sthanida*—such as the Kootub Minar at Delhi, and those at Cool, Daulatabad, and elsewhere. There is, or was, an inscription on this monument, which ascribed its erection to Fuzil Sháh. If this be so, it must be the king of that province who reigned in Gour A.H. 702-715,¹ and the character of the architecture fully bears out this ascription."—Fergusson, ii. 628

THE PROVINCIAL COINAGE OF BENGAL.

As Altamsh seems to have been the first to provide an imperial coinage for Hindustán, so his daughter Ruziah would appear to have taken the initiative in extending the silver

¹ Imperial Coinage of Bengal, 1866

currency to the kingdom of Bengal. At least, as far as can be seen, her coins, minted at Lakhnautí, are the earliest specimens extant of the provincial issues of the south.

When Muhammad bin Sâm had so far consolidated his early successes in India into a design of permanent occupancy, leaving a viceroy and generalissimo in Dehli, in the person of Kutb-ud-dín Aibek, while his own Court was still held at Ghazní, the scattered subordinate commanders each sought to extend the frontiers of *the faith* beyond the limits already acquired. In pursuance of this accepted mission, Muhammad Bakhtíar Khuljí, *Sipahsádlár* in Oude, in A.H. 599, pushed his forces southward, and expelled, with but little effort, the ancient Hindu dynasty of Nuddeah, superseding that city as the capital, and transferring the future metropolis of Bengal to the proximate site of Lakhnautí, where he ruled undisturbed by higher authority, till his own career was prematurely cut short in A.H. 602.

Considering the then existing time-honoured system of valuations by shells¹—which would certainly not invite a

¹ Ibn Batutah gives an account of the collection of the cowrie shells in the Maldivé Islands, from whence they were exported to Bengal in exchange for rice, the gradational quantities and values are detailed as follows سماء = 100 cowries فال = 700. كسى = 12,000. بستو = 100,000; four *bustis* were estimated as worth one gold *dindr*, but the rate of exchange varied considerably, so that occasionally a *dindr* would purchase as many as twelve *bustis*, or twelve lakhs of cowries (French edition, iv. p. 121, Lee's Translation, p. 178). The *Ain-i-Akbari* notices that all the accounts of Subah Orissa were kept in cowries Gladwin's Translation, II 15. The rates of exchange are given as follows — "4 cowries = 1 gunda, 5 gundas = 1 boory, 4 boories = 1 pun, 16 pun = khawun, (sometimes 20 puns go to a khawun), and 10 khawuns = 1 rupee;" Sir H. Elliot mentions that "in India, in 1740, a rupee exchanged for 2,400 cowries, in 1756, for 2,500 cowries; and (1845) as many as 6,500 could be obtained for a rupee" (Glossary of Indian Terms, p. 373). "They were estimated in the revised currency scheme of 1833 at 6,400 per rupee" (Punsep's Useful Tables, p. 2) Major Rennell, who was in Silhet in 1767-8, speaking of the cowrie money, remarks "I found no

hasty issue of coin—Muhammad Bakhtiar's acknowledged subordination to Kutb-ud-dīn, who, as far as can be seen, issued no money in his own name, it may fairly be inferred that if a single piece of money was produced, it formed a part only of an occasional, or special, medallie mintage, constituting a sort of numismatic proclamation, or assertion and declaration of conquest and supremacy alone, emblazoning probably the titles of the supreme Suzerain, and purposely avoiding any needless interference with the fixed trade by adventitious monetary complications, which so unprogressive a race as the Hindus would naturally be slow to appreciate.¹

other currency of any kind in the country, and upon an occasion, when an increase in the revenue of the province was enforced, several boat loads (not less than 50 tons each) were collected and sent down the Burrampoota to Daeca." As late as 1801 the revenues of the British district of Silhet 'were collected in cowries, which was also the general medium of all pecuniary transactions, and a considerable expense was then incurred by Government in effecting their conversion into bullion' (Hamilton's Hindostan, London, 1820, i. p. 195)

¹ The author of the *Tabakāt-i-Nāṣiri* has preserved some curious passages regarding the early coinages in Bengal. First he tells us, that on the conquest of the country by the Muhammadans they found *quasi*-indigenous *Cowries* sufficing for all the wants of trade, in contrast to the *Sitalis*, which constituted the recognized money of the neighbouring provinces of Hindustān (جنان تغیر کردند که دران)

(p 149 بلاد کوچه بعوض جسنل روان است). Subsequently, speaking of Muhammad Bakhtiar Khilji's arrangements in his new government, he goes on to say: و برهوعی که لکهنونی است دارالملک ساخت و اطراف آن—

p 161 ممالک را در تصرف آورد و خطه و سکه در هر خطه فائم کرد. The context of this passage would clearly imply that *the* coins, if any were really produced, were not issued in his own name, nor even in that of Kutb-ud-din, though in the tribute forwarded to that viceroy, he clearly acknowledges fealty. The intentional discrimination is seen in the terms of the sentence relating the assumption of independence by 'Alī Maḍān, who is reported as خطه و حتر برگرفت

p 159 باسم خود کرد, a phrase which appears indirectly to mark the arrogation of "umbrells and public prayers," with a reserve about the numismatic symbols

This will, perhaps, be the most fitting occasion to review cursorily the rise and progress of the local coinage, and to summarize the leading features of the Bengal scheme, which has but an irregular and fitful bearing upon the Imperial currency.

The artistic merits of the produce of the southern mints, though superior in the early copies to the crude introductory issues of Altamsh, seldom compete with the contemporary design or execution of the Dehli die-cutters, and soon merge into their own provincialisms, which are progressively exaggerated in the repetition, until, at last, what with the imperfection of the model, the progressive conventionalism of the designers, and the ignorance and crude mechanical imitation of the engravers, their legends become mere semblances of intelligible writing, like Persian *shikastah*, easy to read when one can divine what is intended, but for anything like precision in obscure and nearly obliterated margins a very untrustworthy basis for the search after exact results.

The different local mints each followed its own traditions, and the school of art stood generally at a higher level in the eastern section of the kingdom, especially when Sonárgaon was held by its own independent rulers. The lowest scale of die execution, exemplified in the provincial series, was reserved for the capital of the united provinces under the kingship of Sikandar (Fírúzábád, 769 A.H.). The numismatic innovations of Muhammad bin Tughlak were felt and copied in the south, especially in the reproduction of the titular legends; but his own coins struck at the "city"—he would not call it the capital—of Lakhnautí, evince the haste

of royalty. And the gradations are still more clearly defined in the acknowledgment of Altamsh by Ghiyas-ud-din 'Auz, in 622 A.H., where it is stated—
رویه خدمت در ربعة انعام آورد و سی زجریل و هشتاد لک مال

بدا و خطبه و سکه بنام مبارک شمسى کرد p. 171

and carelessness of a temporary sojourn, and, still worse, the hand of a local artist, both which short-comings may be forgiven to a monarch who, in his own imperial metropolis, had raised the standard of the beauties of Arabic writing, as applied to coin legends, to a position it had never before attained, and which later improved appliances in other lands have seldom succeeded in equalling.

The Bengal Sultáns, mere imitators at first, were original in the later developments of coin illumination, and the issues of the fully independent kings exhibit a commendable variety of patterns in the die devices, damaged and restricted, however, in the general effect by the pervading coarseness and imperfection of the forms of the letters. Then, again, the tenor of the inscriptions is usually of independent conception, especially in the refusal to adopt the ever-recurring *kulmah* of the Muslim mints, and in the suggestive mutations of titles assigned to the lieutenants of the prophet on earth, whose identifications they did not seek to trace, and whose very names they did not care to learn. So also was their elaboration of the titular adjuncts of the four Imáms uninfluenced by northern formula; many of which conventionalisms survived for centuries, till Shír Sháh, in the chances of conquest, carried these traditions with him, and incorporated them into the coinage of Hindustán, during the exile of the temporarily vanquished Humáyún.

The standard of the Bengal coinage was necessarily, like the pieces themselves, a mere imitation of imperial mint quantities, and the early issues will be seen to follow closely upon the proper amount in weight contemplated in the Delhi prototypes; but one of the curious results the Kooch Behár collective find¹ determines is, that though the first kings on

¹ 13,500 pieces discovered in A.D. 1863. Journ. R.A.S., N S., n. p. 145

the list clearly put forth money of full measure, their pieces were, in most cases, subjected to a well-understood Indian process of boring-out, or reduction by sweating, to the exact weight to which we must suppose subsequent kings had lowered the legal standard of their money, so that, although some of the silver pieces of Kai Káuś and Fírúz have escaped the debascr's eye, and preserve the completeness of their original issue denomination, the great majority of the older coins have been brought down to the subsequent local standard of 166 grains, at which figure, in troy grains, the bulk of the hoard ranges; or, in more marked terms, 166 grains is the precise weight of the majority of the very latest and best preserved specimens, which must have been consigned to their recent place of concealment when very fresh from mints but little removed from the residence of the accumulator of the treasure, and may be held to represent new and clean coin which could scarcely have changed hands

The intrinsic value of the money of these Sovereigns follows next in the order of the inquiry. This department of fiscal administration might naturally have been expected to have been subject to but limited check or control, when regulated by the uncertain processes of Oriental metallurgy, but, in practice, it will be seen that some of the native mintmasters were able to secure a very high standard of purity, and, what is more remarkable, to maintain a singularly uniform scale in the rate of alloy. In the case of the imperial coins subjected to assay in Calcutta, specimens spreading over, and in so far representing a sequent fifty-six years of the issues of the northern metropolis, vary only to the extent of six grains in the thousand, or 0.6 per cent. As the Dehli coinage proves superior, in point of weight, to the southern standard, so also does it retain a higher degree of purity;

the 990 and 996 of silver to the test total of 1,000 grams, sinks, in the earliest examples of the Bengal mintages, to 989, from which figures it experiences a temporary rise, in possibly exceptional cases, under Bahádur Sháh, who may be supposed to have brought down, with his reconstituted honours and the coined treasure so lavishly bestowed upon him by Muhammad bin Taghlak, on his restoration to the government of Sonáigaon, certain implied responsibilities for the equity and fulness of his currencies, while in the subsequent irregularly descending scale, 'Azam Sháh's officials arrived at the most unblushing effort of debasement, in the reduction of silver to 962 grains.

Colonel Guthrie has obtained the following data from the assay of the various coins composing the Kooch Bahár hoard. "When the Bengal Asiatic Society made their selection of coins from the trove, they set apart four of each description for the mint, two being for special assay, two for the mint collection. The result of the assay was as follows (1,000 represents absolute purity)":

DEHLI COINS.	BENGAL COINS
1 Balban (A.H. 664) 990 and 996	1 Shams-ud-dín Firuz.....989
2 Kai Kobád (A.H. 686) 990 and 996	2 Bahádur Sháh...988 and 993
3 Ghiás-ud-dín Tughlak (A.H. 720) 990	3 Mubárák Sháh987
	4 Gházi Sháh of Bengal...989.
	5. Ilías Sháh (1st type) 989, (2nd) 982; (3rd) 988
	6. Sikandar Sháh (return lost).
	7 'Azam Sháh (1st type) 981, (2nd) 989, (3rd) 962; (4th) 977, (5th) 985

A question that has frequently puzzled both Oriental and European commentators on the history of India has been the intrinsic value of the current coin at the various epochs they

had occasion to refer to, so that the most exact numerical specifications conveyed but a vague notion of the sterling sum contemplated in the mental by any given author. Numismatists have been for long past in a position to assert that the Delhi Tankah contained absolutely 173 grains, which would presuppose a theoretical issue weight of 174 or 175 grains, and a touch of nearly pure silver; but assuming this specific coin to have been a *white* or *real* "Tankah of Silver" (تَنكَاہِ بَیْرُہ) a doubt necessarily remained as to what was to be understood by the alternative black Tankah (تَنكَاہِ سَاہ). Nizām-ud-dīn Ahmad, in his *Tabakāt-i-Akbari*, seems to assign the introduction of these black Tankahs to Muhammad bin Tughlak, who notoriously depreciated the currency to a large extent before he resorted to the extreme measure of a forced currency, though it may be doubted whether any such depreciation would have been thought of, even if there had been time to effect the conversion, at the very commencement of his reign, to which period Nizām-ud-dīn attributes the issues of these pieces, in the apparent desire of explaining the bare possibility of the possession of such numerical amounts as are stated to have been squandered in largesses by the newly-enthroned monarch. However, the real adulteration of the coin need not have extended much beyond the point indicated by the superficial aspect of his own Bengal mintage, and 'Azam Shāh's coins of the same locality probably exceed that accusatory measure of debasement, while, on the other hand, Muhammad bin Tughlak, on reverting to specie currencies, after his futile trial of copper tokens, seems to have aimed at a restoration of the ancient purity of metal in his metropolitan issues, as I shall have occasion to quote a coin of his produced by the Delhi mint in A.H. 734, which has every outward appearance of unalloyed silver, and equally retains the fair average weight of 168 grains

All these evidences would seem to imply that the Bengal ratio of purity was intentionally lower, and that a very slight addition to the recognized alloy would bring the local issues fairly within the category of *black Tankahs*. Such a supposition of the inferiority of the coinages of the southern kingdom appears to be curiously illustrated by Báber's mentioning that, in A.H. 932, a portion of the revenues of the district of Tírhút, a sort of border-land of his empire which did not extend over Bengal, was payable in *Tankah Nukrah*, and the larger remainder in *Tankah Sítáh*,¹ an exceptional association of currencies in a given locality, which can scarcely be explained in a more simple and reasonable manner than by assuming the lower description of the conventional piece to have been concurrent with a better description of the same coin, which constituted the prevailing and authorized revenue standard of the northern portions of the Mughal conqueror's Indian dominions.

SEVENTH KING (A.H. 637-639; A.D. 1239-1241)

The virtual accession of Mu'izz-ud-dín Bahráam Sháh dates from the defeat of Ríziyah, at Sirhind, in Ramazán 637 A.H., when the party advocating his claims became supreme in the capital, and was not deferred until after her murder by the Hindus, at Karthal, in Rabi'ul ákhir 638 A.H. This reign demands but scant preliminary comment, except to mark the second instance of the correctness of Altamsh's estimate of the ineptitude of his own sons.

¹ "Tírhút-tribute (*khidmatana*) of the Tírhúti Raja 250,000 silver tankas (*inlah nushah*) and 2,750,000 black tankas (*tanlah síáh*)"—W. Erskine, Báber and Humáyún, n. p. 541.

SUMMARY OF THE EVENTS OF THE REIGN.

- A. H. 637. (27 Ramazán). Enthroned. (11 Shawwál) Ikhtíar-ud-dín *Iṭigla* nominated Vicegerent by the nobles.
- „ 638. (8 Muharram). Ikhtíar-ud-dín assassinated at the instigation of the Sultán. Badr-ud-dín Sankar assumes the direction of the government.
- „ 639 (8 Safar). Badr-ud-dín's plot against the Sultán defeated; he is ordered to quit the capital. General disaffection is engendered against the Sultán in consequence of his severities in checking these conspiracies.
- „ 639. (16 Jumáda'l ákhir). Lāhor captured by the Mughals Minháj us Sirāj, at the Court of Dehlī, appointed Kāzi of the kingdom. The army under the Vazīr, Mahzab-ud-dín, marches to the Beās to oppose the Mughals.
- „ 639. (19 Sh'abán). The Vazīr intrigues for the deposition of the Sultán, and returns with the army to the gates of Dehlī.
- „ 639 (8 Zil'kadah)¹ The city is taken, the Sultán captured, and slain on the 17th.

Mu'izz-ud-din Bahram Sháh.

No 92 *Silver*. Weight, 167 grs. Pl. vii. fig. 2 Very rare.
Dehlī, A. H. 638. Col Guthrie.

Square area.	Square area.
فى عهد الامام	السلطان الاعظم
المستتر امر	معز الدبا والدين
المر منين	او المطر بهرام شاه *
Margins—هذا السكة—	بن السلطان
حضرت دهلي في سنة ثمان	Obverse <i>inner</i> margin, in the
وثلاثين و(ستماية)	spaces between the square area
	and the circular marginal line,
	in four detached divisions—
	ناصر امر امر مبین

¹ The author mentions, incidentally, the distribution of a "sum of 3000 chittals" among some rioters the night before the surrender.

A second similar coin (considerably oxydized) weighs 169 grains. There are several coins of this mintage now known. I have a dated specimen of the same year, 638, and two new specimens of Bahrá'm's silver currency are quoted in the Journal of the Asiatic Society of Bengal, 1863, p. 35.

No 93. Silver and copper mixed. Weights, 54 and 56 grs.

Pl. i. figs. 30 and 31 Very rare.

Obverse—السلطان الاعظم معز الدنيا و الدين

Reverse—Horseman and السلطان (possibly بن سلطان ?)

No 94 Silver and copper Weight, 54 grs (Plate i, No. 32)

Horseman

Bull.

स्त्री हंसीर

सुरिताय स्त्री मुञ्जदी

Srī Hammīrah

*Suritāy Srī Muñjadī.*¹

These coins, as an almost constant rule, have the figure ई=6 on the Bull's housings. If there are any other numerals, contributing to a full date, elsewhere run into the device, I have as yet failed to discover them.

No. 95 Silver and copper. Weight, 52 grs.

(Variety of 32, plate 1)

Horseman.

Bull.

स्त्री हं . .

. . . . मुञ्ज

Muh.

This coin is of coarser execution than the ordinary specimens of this series. It also varies materially in the forms of the letters; the *i* follows the ancient rendering of that vowel ३,² and the *j* adheres to the older shape of 𑂔

¹ In my previous readings I rendered this name as मुञ्जदी *Muñjadī*. I now see that the third letter is an अ *a*, it is exceptional in its outline, but it accords with some examples of the exceptional अ *a* on 'Alā-ud-dīn Mas'ūd's coin, No 101, *msi ā*.

² Prinsep's Essays, pl xxxviii, xxxix., fifth and ninth centuries A D, and the *j*, fifth and seventh centuries A D

No 96 Silver and copper Weight, 55 grs New
(Variety of No. 30, plate i)

Horseman	السلطان
Above which appears	الاعظم معز
ببرامشاد	الدنيا والدين

EIGHTH KING (A.H. 639-644; A.D. 1241-1246).

The uncertainty of successions to Eastern thrones is prominently displayed in the present instance, in the elevation of two kings in one day. 'Izz-ud-dín Balban, a son-in-law of Altamsh, supported by a faction, assumed the sovereignty immediately on the decease of Bahám, but, before night, he was supplanted by 'Alá-ud-dín Mas'aúd, a son of Rukn-ud-dín Firúz, upon whom the choice of the more influential nobles had fallen.

SUMMARY OF THE REIGN OF 'ALÁ-UD-DÍN MAS'AÚD

- A.H. 639 8 Zil'kadzh Accession
- „ 640. Arrogance and assumption of the Vazír Mahzab-ud-dín, who is killed by the party of the Túrki noblesse on the 2nd Jumáda'l awwal, 640 A.H.
- „ 641 Minháj us Siráj, having resigned his office of Kázi, leaves Dehli on the 9th Rajab, on his two years' visit to the Court of Tughán Khán at Lakhnaúf. 'Alá-ud-dín Mas'aúd, during these two years, extends and consolidates his sway. The Sultán releases his uncles, (Jalál-ud-dín and Násir-ud-dín), from confinement, and provides them with governments.

- A H 642. Shawwāl. The troops of Jājnagar appear before Lakhnauti.¹
Tamar Khān brings reinforcements. See p 8
- „ „ 11 Safar. The author returns to Delhi, and is reinstated
in some of his old offices
- „ „ Rajab The Mughals, under Manguti, attack Uchh
The Sultān advances against them, but they retire
without fighting
- „ 644. The camp life and military associations are supposed to
have had a bad effect upon the Sultān's morals, and
he takes to evil courses and uncontrolled cruelties,
disorganization engendered in consequence. The chiefs
and nobles invite Nāsir-ul-dīn Mahmūd to occupy the
throne
- „ „ 23rd Muharram The Sultān is imprisoned and dies

¹ I need scarcely say that I totally discredit the reported invasion of Bengal by the troops of Changiz Khan, in 642 A H (Elliot's *Historians*, II 261-344, Dow's *Hindustan* (London, 1770), I. p 342, Buggis's *Ferishtah*, I 231, Elphinstone's *History of India*, 377). The error, so largely adopted, seems to have arisen from the mistranscription of the original text of Minhāj us Sirāj, where جنگرخان has been substituted for جاجنجر in the leading passage—

و در شوال سنه اثنی واربعین و ستمائنه کنار جاجنجر ادر لکنیوی آمدند
Stewart, in his history of Bengal (London, 1813, p 62), had already pointed out that Ferishtah was wrong, but he himself was mistaken in placing *Jajnagar* in Orissa, instead of in Tipperah. The Persian text printed in Calcutta (p 199) frankly admits the variant of جاجنجر in a foot-note, without venturing to correct the obvious inaccuracy in the body of the text, which the tenor of the concurrent events related at page 245 would fully have justified. (See also pp 167, 168, 243, and Ferishtah, Bombay lithographed edition of the Persian text, I 122.) The author of the *Taukh-i Mubārak Shāh* avoids the mistake by refraining from noticing the reported invasion. Nizām-ul-dīn Ahmad, in his *Tabakāt-i Akbari*, however, reproduces the error, and indulges in some speculations as to the route by which the Mughals entered Bengal (MS. text). In this he is followed by Badaoni, who adopts his text almost unchanged (Calcutta text, p. 88). An amusing muddle, which the Calcutta editors might have avoided by a moderate exercise of critical acumen, also occurs in their making Changiz Khān fight the battle of Panwan, north of Kābul, in the intra Gangetic town of Badaon (Calcutta text of *Tabakāt-i Nāsiri*, p. 318). See also Dr. Lee's *Ibn Batutah*, O. Tr. Fund, 97

'Alá-ud-din Mas'ūd Shāh.

No 97 Silver Weight, 165·4 grs Dehli.

Square areas inclosed in circles.

في عهد الامام	السلطان الاعظم
المستنصر امير	علا الدنيا والدين ابو
المومنين	المظفر مسعود شاه
	بن السلطان

The marginal legends are the same on both faces.

ضرب هذا السكه بحضرت دهلي في سنة

N B The Khalif *Al Mustansir* died in 640 A H

No 98 (pl 1 fig. 33) Silver Weight, 167·5 grs. Dehli, A H 641.

في عهد الامام	Area
المستعصم امير	Similar to No. 10
المومنين	

Marginal legends *duplicated*—و ستمايد و ستمائيد

No 99 (pl II. fig 34) Silver and copper Weight, 50 grs.

Obverse—السلطان الاعظم علا الدنيا والدين*Reverse*—Over the Horseman, شاه مسعود

No 100 Silver and copper mixed Coarsely executed dies.

Weight, 50 grs. (My cabinet)

The Bull of Siva

Horseman, in *toghra*.*Legend*—

सुरिताय श्री अलावदिन.

*Written Sri Alauadin.**Legend*—

श्री शलीफ

*Sri Shahfa.*See also the coin of the *Khalif* Mustansir, No. xxviii c, p. 52, *supra*

No. 101. Silver and copper mixed. Finely cut and well finished
dies Weight, 46 to 50 grs.

Date, *Samvat*, 1300=1243 A D =641 A.H

<p>Bull. Legend as above. On the <i>Jhál</i> of the Bull १; on the hindquarter, ३ . = ३००</p>	<p>Horseman. स्त्री हमीरः <i>Srī Hamīrah.</i></p>
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For engravings see Prinsep's Essays, pl xxvi. fig. 33; J A.S.B. vol.
xxxiv. (1865), pl xxxvii. fig. 23.

A very remarkable outline is given to the initial अ, in the title of the Sultán, on these coins, the nearest approach to which, in modern type, would be represented by a combination of प्र *pr*, with a medial त prefixed to it, but shortened-up, so as to admit of the insertion of a dot at its foot, thus त्र. A similar outline (usually without the dot) is retained on the coins of 'Alá-ud-dín Muhammad Sháh (pl. ii. fig. 60). The earlier example of possibly the same letter, on the introductory Kábul silver series, adverted to in the note, p. 58, might be imitated in type by त्र or त्र. These dates were first detected by Gen. Cunningham. At the outset I was inclined to question the determination, as I had met with a coin of 'Alá-ud-dín's, belonging to Major Simpson, which gave three dots after the ३, but I now see that this apparent increase was due to the imperfect execution of the die. Besides which, the discovery of a similar system of dating in the Vikramaditya era on the coins of Altamsh (p. 71) fully confirms the present system of interpretation.

No. 102 (pl. ii. fig. 35). Copper Weight, 49½ grs

Obverse—الاعظم علا الدين مسعود شاه

Reverse—مسعود شاه

No. 103 (pl. ii. fig. 36). Silver and copper. Weight, 52 grs

Obverse—الدين مسعود بن سلطان . .

Reverse—Rude figure of a horseman of the Narwar type.

These coins partake of many of the characteristics of the unique

mintage of Krám Sháh, which may be traced not only in the peculiar reverse, but in the general coarseness of the die manipulation and the eccentric forms of the Persian letters.

No. 104 (pl. II. fig. 37). Copper. Weight, 56 grs.

Obverse—السلطان الاعظم مسعود السلطان

Reverse—Rude figure of a horseman.

No 105 (pl. II. fig. 38). Copper and Silver Weight, 41 grs

Obverse—Bull. अलादिन *Aládm.*

NINTH KING (A.H. 644-664; A.D. 1246-1265).

The annals of the major portion of the reign of "Násir-ud-dín Mahmúd," the second son of Altamsh of *that name*, have been preserved in elaborate detail by his special biographer, Minháj us Siráj, whose history extends only to A.H. 658, though an occasional prayer for Mahmúd's successor seems to show that the author survived his Sovereign.¹ With a temporary intermission, the affairs of the kingdom were guided throughout by the strong will of the Vizír, *Baká-ud-dín Balbán, Ulugh Khán*. It was, perhaps, as well for Násir-ud-dín that he had such support, for he seems, like the other sons of Altamsh, to have been but little fitted to dominate over his own turbulent nobles or to coerce the imperfectly conquered native races nominally subject to his sway. Though unassailed in repute, his tastes tended rather to an obscure and retired life, associated with the exercise of his penmanship, in the reproduction of *Iḡuráns*,²

¹ The annals proper close with A.H. 658 Text, pp. 313, 323. Elliot, II. pp. 261, 359-383.

² Ibn Batutah, on his visit to Dehli, had an opportunity of admiring one of these specimens of royal calligraphy—French edition, III. p. 169.

in which he excelled a faculty which possibly had its influence on the execution and finish of the legends of his coinage, which display a remarkable advance upon the earlier numtages in the fineness of the lines and the improved definition of the Persian characters.

SUMMARY OF THE EVENTS OF THE REIGN OF NÁSIR-UD-DÍN MAHMÚD ¹

- A. H. 644. Accession (23rd Muharram) Expedition under Ulugh Khán into the Hills of Júd and Jílám
- „ 645. Capture of Nandana ² The army advances to Karra; attacks upon دلكی و ملكی. (See note, p. 66, *ante*.)
- „ 646. Ulugh Khán proceeds against Cháhar Deva. Bahá-ud-dín Aibeg killed before Rantambhor (11th Zil hijjah).
- „ 647. The Sultán gives his daughter in marriage to the son of Ulugh Khán.
- „ 648 Izz-ud-dín attempts to take Multán from Shír Khán, the brother of Ulugh Khán.
- „ 649 Izz-ud-dín revolts at Nágor; he is ultimately captured by Shír Khán at Uchh
- „ „ 25 Sha'bán. The Sultán proceeds towards Malwa Cháhar Deva defeated, and the Fort of Naiwar taken (p. 67, *ante*) Minháj us Siráj appointed Kázi of the State
- „ 650 The Sultán proceeds towards Uchh and Multán; intrigues commenced against Ulugh Khán
- „ 651. Ulugh Khán ordered to his estates in the Siwálik Hills and Hánsi The royal army proceeds against him, and Hánsi is given to *Sháhsádah* Rukn-ud-dín. Ulugh Khán establishes his head-quarters at Nágor, and carries on the war against Cháhar Deva Shír Khán crosses the Indus.

¹ *Tabakát-i-Náshí*, text, and Elliot's *History*, ii pp. 345, *et seq.*, 365, *et seq.*

² Gen Cunningham identifies this place with Deo-kah, or the Na-po-ta-po-kun-lo of Huen Tsang, i. e. *Nava deva hula*, close to Rájgu, the fort of Alha and Udal, about 4 miles S E of Kanauj.

- A. H. 652 Operations in Sirmúr and Pinjor, passage of the Jumna and the Ganges (at Miyápúr), and march along the foot of the hills to the Ramgunga, and on to Badáon. Confederacy of nobles in support of Ulugh Khán. Maneuvring of the armies in Sirhind, peace made.
- „ 653 The Sultán distrusts his own mother, who was married to Kutlugh Khán. Minháj us Siráj again appointed Kázi of the kingdom. Kutlugh Khán revolts, but is obliged to retreat before Ulugh Khán to Kálnjar.
- „ 654. Operations against Kutlugh Khán continued.
- „ 655 Izz-ud-dín Balban revolts. Kutlugh Khán joins him near Sámána; they march to Dehli in the absence of the royal army, but are unable to hold their ground.
- „ 656. The Sultán proceeds against the Mughals, who had entered Multán, but returns to Dehli without an encounter.
- „ 657 The main army marches southward; repose and quiet in the capital. Tribute received from Izz-ud-dín Balban Uzbek in charge of Lakhnautí.
- „ 658 Ulugh Khán is sent to coerce the Méwátis; operations against *Mallá*, chief of certain turbulent Hindus, near the capital. Ambassadors arrive at Dehli from Húlákú Mughal.
- „ 664. (11 Jumád'al awwal.)¹ Násir-ud-dín Mahmúd dies.

Násir-ud-dín Mahmúd.

No. 106 (pl. ii. fig. 39; and Marsden, No. DCXIV).

Silver. Highest weight 168.8 grs. 25 specimens (4 specimens average 168.2 grs. and numerous coins touch 168 grs.) DEHLI. Dates observed, 654² A.H., 655, 656, 657, 658, 660, 662, 663, 664.

¹ Zíá Barni, Persian text, Calcutta edition, p. 25, Taríkh Mubárák Sháhi MS [length of reign given as 19 years, 3 months, 16 days], Badaon, Calcutta text, p. 94, Fershtah, Briggs, i. 216.

² The italic figures indicate the date of *the* particular coin described in the text and figured in the plate.

في عهد الامام	السلطان الاعظم
المستعصم امير	ناصر الدنيا والدين
المومنين	ابو المظفر محمود
	بن السلطان

Margins— ضرب هذة الفضة بحضرت دهلي في سنة اربع وخمسين
و سنماية

N.B.—Some of the coins retain the old term *Sikka*, "coin," in lieu of the *Al Fizzat*, "silver." The early coins use the affilative *ابن*, the later ones *ابن*.

No. 107 (pl. ii. fig. 40). Silver and Copper. Weight, 51 grs

Obverse—السلطان الاعظم ناصر الدنيا والدين

Reverse— { In front of the Horseman, श्री हमीर: *Srī Hanmīrah*.
Above the Horseman, محمود.

In the year 1854, a large hoard of these coins was discovered at Hānsi. I availed myself of the opportunity to have twelve of them (= 584 grs.) assayed by the usual native process of blowing-off the copper with lead. The result arrived at gave a total of 149 grains of silver, or an average of 12.4166 grains of silver per coin.

No 108 (pl. ii. fig 41). Copper? Weight, 54 grs.

Obverse—As above

Reverse—The Narwar type of Horseman.

No 109. Silver and copper. Minute coin. Weight, 12 grs

OBVERSE.		REVERSE
ناصرى	|	سرب
عدل	|	دهلى

I have detached the subjoined coin from the ordinary suite of the mintages of Násir-ud-dín Mahmúd, because I am not quite certain about the finality of its attribution: it will be seen to differ from the ordinary pieces of Mahmúd in the more ample legend, the general style of the Persian characters, and in the adherence to the old practice of filling in one entire surface with the king's name and titles, as in the coins of Rizíah (pl. i. fig. 27, pl. vi. fig. 1), an arrangement which, in the metropolitan series, had for some time past given place to the insertion of duplicate marginal legends on either surface of the piece. This peculiarity may prove to be a more indication of its issue from the Lakhnauti mint, where the earlier coins of Rizíah are now proved to have been struck; moreover, as bearing upon this point, it may be noted that the introductory coins of the local kings of Bengal (pl. vi. fig. 2, etc.), though they do not implicitly follow this older model, yet in no case do they display the duplicate marginal legends adopted in the northern capital. If these coins, then, are to be accepted as the produce of Bengal dies, the additional matter inserted after the Sultán's name may be expected to allude to some imperial intervention in the affairs of the southern province; or we may possibly have to seek for the name of the local Viceroy in the illegible portion of the obverse now engraved.

No. 110. Silver. A.H. .5. (650 odd?). *Unique.* Museum of the Asiatic Society of Bengal.

في عهد الامام
المستعصم امير
المؤمنين
Margin—
. . . خمسين .



السلطان الاعظم
ناصر الدنيا والدين ابو
المظفر محمود بن السلطان

.

K. Inscription of *Násir-ud-dín Mahmúd*, engraved over the doorway of the Minaret¹ at Allygurh, dated 10th Rajab, A.H. 652.



هذه العمارة في عهد مملكة السلطان الاعظم مالك رواب الامم
ناصر الدنيا والدين سلطان السلاطين
في الامان لاهل الايمان وارث ملك سليمان صاحب الحانم في
ملك العالم ابي المظفر محمود بن السلطان خلد الله ملكه ووسطاه
الملك العالم الكبير المعظم فتلغمان بها الحق والدين ملك ملوك
الشرق والصين لمن الشمس في ايام اياته بامر منالة العاشر من
رجب سنة انبي خمسين وستمائة

¹ It is with much regret that I learn that this ancient monument has been wantonly destroyed. With a feeling akin to shame, I have to add, that this was the deliberate act of my fellow-countrymen, the English officials in charge of the district in 1861.

It may seem to savour of the credulous antiquary if I confess to the belief that this interesting memorial represents the hand-writing of H. M. Násir-ud-dín himself. I do not affirm that he either outlined the characters on the stone, or even wrote out the full-size working copy; but I am under the impression that he indulged his favourite taste in designing both the matter and the manner of this record,—from the supreme monarch alone could have come such free laudation of the Vizír, in a document bearing their names in close juxtaposition. Many of the titles, from K̲utlugh Khán onwards, had, we know, already been bestowed by the amiable king upon his prime minister, the effective guardian of his kingdom Balban, all powerful as he was, would scarcely, in the presence of his sovereign, have called himself ملك العالم and Malik of Maliks of the East and China; and equally, at this time, might have desired to avoid the confession of his own quondam purchase by Shams-ud-dín Altamsh. It must have been a relief to the King to be emancipated from the dull routine of copying K̲uráns, and to be called upon to compose an original document which should give free scope to his practised penmanship. The writing, as preserved on the stone, is obviously peculiar, departing notably from the ordinary Kufic and Arabic characters employed by his predecessors at Dehli, and bearing traces of an individually developed style, accustomed to indulge in vagaries of caligraphy, which might not have been admitted in a more rigid school. But in estimating the real merits of the autograph of this regal penman, by the document before us, we must make the double allowance of the possible crudity of the stonemason's work, and the obvious imperfection of the cloth impression from which the above Dallastype is reproduced.

TENTH KING (A.H. 664-686; A.D. 1265-1287).

Mahmúd leaving no male issue, the facile succession of his powerful vizír followed almost of course. Balban's advent to the imperial throne marks an epoch in the political history of Muhammadan India, in his attempt to destroy the influence of the Túrki nobles, who had formed a sort of ill-cemented military oligarchy, embracing forty of the slaves of Altamsh,¹ who had risen to prominence during the weak governments of his successors. In effect, once a slave, now a king, the first use of his power was to endeavour to root out the very race of Túrki bondmen among whom he himself had lately been numbered. In his own altered circumstances, legitimacy was to become paramount. The inalienable succession of his own heirs was now to be secured. The contingency under which he had risen was, for the future, to be rendered impossible. To this end blood was not spared; and in this spirit the lives of his own near relations were sacrificed with but little compunction. Further to secure his position, he organized a searching and all-pervading system of espionage; and having brought his army to the highest state of efficiency, seems, under the same inspiration, to have determined not to venture far away from his capital.

Instructive accounts have been preserved of the insecurity of the metropolis at the time of his accession, caused by the daring of the Mewátis, who penetrated into the streets almost at will, so that "the western gates of the city had to be shut at afternoon prayer." Balban adopted vigorous and

¹ (ایشانرا چهلگانی میگفتند) Zia Barm, text, p. 26.

effective measures against these plunderers, and, for the moment, so to say, exterminated the race. About this period, the disorganization of the neighbouring kingdoms, consequent upon the destructive mroads of the Mughals, drove illustrious men of varied nationalities to seek refuge in India. There, under a warmer sun, were assembled all the brightest ornaments of the Asiatic world, and, among them, no less than fifteen sovereign princes. So that, for a time, the old Hindú capital became the centre of Muhammadan civilization; and Dohli, imitating the viceregal court of Multán, shone with a splendour but little anticipated for it by its Muslim occupiers of a few short years before.

The unsparing rigour of the Emperor secured his supremacy almost unquestioned throughout his long reign, with the exception of the serious revolt of Tughral, the governor of Bengal (No. 15, page 8), who assumed the style and titles of an independent king, and succeeded in defeating two several armies sent to subdue him. At length the Sultán proceeded against him in person, and one of his commanders coming upon the forces of the rebels somewhat unexpectedly, in a dashing spirit of chivalry, though at the head of only forty troopers, entered their camp at headlong speed, and struck panic into his adversaries by his very rashness. In the precipitate flight which ensued, Tughral was captured and slain, and the recovered kingdom of Bengal was placed under the charge of Násr-ud-dín *Bughrá Khán*, the second son of the Sultán, by whom he was, at the same time, invested with many of the insignia of royalty. Balban's loss of his cherished son and heir, Muhammad, the governor of Multán, who fell in the hour of victory, fighting against the enemies of his race, the Mughals (A.H. 684), hastened the end for which, at the age of eighty, nature must already

have prepared the way; and the Emperor, in the language of his people, took the road to another world.

It will be seen that my sketch of this long and important reign deals with generalities alone, and is altogether deficient in the annals outlined on previous occasions: an explanation of this reserve is to be found in the change of the guiding historical authority. The loss of Minháj us Siráj, who was an eye-witness to many of the facts he relates, a participator in many of the public events he chronicles, and a candid and conscientious narrator, is ill supplied by Zíá-ud-dín Barni, a writer of little merit,¹ wanting in arrangement, time-serving in his representation of incidents, and, as regards this particular section of his biographies, a mere hearsay compiler of crude tradition nearly a century after date.²

¹ This is no new discovery of mine. I denounced our author in no limited terms in 1846 (*Imital Coinage of Bengal*, J.R.A.S., N.S., II. p. 180), and as an immediate test, I may add that of *the two* exceptional dates given in the entire twenty years of Balban's domination, *one* is manifestly wrong. See also Colonel Lees's notice of this author, J.R.A.S., N.S., III. p. 441, and Sir H. Elliot's and Prof. Dowson's remarks on the same subject, *Elliot's Histories*, III. 93.

² Zíá-ud-dín Barni, in his *Ta'ikh-i Firúz Sháh*, gives the following account of his own work —. "I deemed it advisable to exclude from this history everything which is included in the *Tabakát-i Násiri*, . . . and to confine myself to the history of the later kings of Dehli. . . . It is ninety-five years since the *Tabakát-i Násiri*, and during that time eight kings have sat upon the throne of Dehli. Three other persons, rightly or wrongfully, occupied the throne for three or four months each, but in this history I have recorded only the reigns of eight kings, beginning with Sultán Ghíás-ud-dín Balban, who appears in the *Tabakát-i Násiri* under the name of Ulugh Khán.

First. Sultán Ghíás-ud-dín Balban, who reigned 20 years.

Second. Sultán Mu'izz-ud-dín Kaikubád, son of Sultán Balban, who reigned 3 years

Third. Sultán Jalál-ud-dín Firúz Khiljí, who reigned 7 years

Fourth. Sultán 'Alá-ud-dín Khiljí, who reigned 20 years.

Fifth. Sultán Kutb-ud-dín, son of Sultán 'Alá-ud-dín, who reigned 4 years and 4 days

Sixth. Sultán Ghíás-ud-dín Tughlak, who reigned 4 years and a few months.

Seventh. Sultán Muhammad, the son of Tughlak Sháh, who reigned 20 years.

Eighth. Sultán Firúz Sháh, *the present king*, who may God preserve

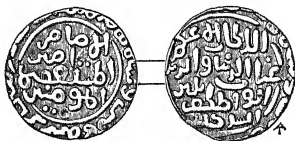
I have not taken any notice of three kings, who reigned only three or four

The numismatic illustration of this period is likewise less diversified, the long repose of Mahmūd's reign allowed the mint arrangements to settle themselves into a fixed system, and the public money accordingly assumed a more permanent form, unenlivened by commemorative medals or new adaptations of local currencies. Balban's rule is, however, identified with the first appearance of a gold coinage following the ordinary silver models already in circulation

Ghīās ud-dīn Balban.

No. 111. (Marsden, *noxcv.*).

Gold. Weight, 163 grs. Very rare Col. Guthrie **DEHLI**, A.H. 680
Circular Areas.



الامام
المستعصم امر
المؤمنين

السلطان الاعظم
غياث الدنيا والدين
ابو المظفر بلبن
السلطان

Margin—مستمايه—في سنة ثمانين وستمائة بحضرت دهلي

No. 112 (pl. xi. fig 42).

Silver. Highest weight, 167·5 grs. (Five specimens average 167 3 grs). **DEHLI**. Dates observed, A.H. 664, 665, 666, 667, 668, 669, 673, 674, 678.

months. I have written in this book, which I have named *Tārīkh-i Firūz Shāh*, whatever I have seen during the six years of the reign of the present king, Firūz Shāh, and after this, if God spares my life, I hope to give an account of subsequent occurrences in the concluding part of this volume"—Elliot's *Historians* iii p. 93.

Areas as usual in the current silver coins, consisting of a double lined square within circular marginal lines.

Margins as in the gold coinage, with the exception of the term *Al Fizzat*, which replaces the *Al Sikka*.

An innovation is to be noticed in the coinage of Balban, in the rejection of the words *fi 'ahd*, "in the time of," "under the auspices of," hitherto prefixed to the name of the Khalif on the medals of his predecessors. The last Abbasside Khalif, Must'asim, was put to death in 656 A.H. by the Mughal conqueror of Baghdád, Húlákú Khán. It has been the subject of remark, as exhibiting an apparent inconsistency, that Balban and other monarchs should have continued to quote the name of this prominent martyr of their faith long subsequent to his decease; its retention, however, may be considered as appropriate, as it was clearly intentional; for, pending the appearance of an acknowledged successor to the throne of Muhammad, no course could have been less open to objection than a continuation of this simple record of the last who had borne the mantle of the Prophet.

No. 113 (pl. ii. fig. 43). Copper, or silver and copper?

Weight, 17½ grs. Common.

Obverse—السلطان الاعظم غياث الدنيا والدين

Reverse { Centre—بلبن Balban
Margin—श्रीः सुजतां गयासु दीं Śrī Sultān Gyāsu dīn

No. 114 (pl. ii. fig. 44) Copper. Weight, 67 grs. Common.

Obverse—السلطان الاعظم

Reverse—غياث الدنيا والدين

No. 115 (pl. ii. fig. 45). Silver and copper. Weight, 26 grs. Rare

Obverse—عدل غياثي

Reverse—بحسرت دھلي

L. Inscription of *Balban*, A.H. 682=A.D. 1283.

The single Persian inscription of Balban hitherto discovered is engraved on the walls of the Jám'i Musjid at Gurmuktisar, in the Mirat district (lat. $28^{\circ} 46'$, long. $78^{\circ} 10'$)¹ It is to the following effect—

مبنى هذه العمارة في عهد السلطنة السلطان الاعظم شاهنشاه
المعظم غياث الدنيا والدين ابو المطهر بلبن السلطان ناصر امر
المومنين سنة انبي وثمانين وستماية ٦٨٢

But the most important record for the illustration and due assignment of the preliminary adaptive issues of the Pathan dynasty is furnished by an inscription at *Palam*, in the Dehli territory, engraved during the reign of Balban, under the auspices of *Utar*, the son of *Haripál*, and dated in Samvat 1333. This epigraph reproduces the Muhammadan names of nine of the leading monarchs of the race, in Devanagari characters. The inscription is historically unimportant, but it is curious in the preservation of the local nomenclature of the several kings, and the casual application of Indian titles of honour, ending with the *Amir*, assigned to the reigning Sultán.² A full transcript and a translation of this inscription (in *Urdú*) were published by Syud Ahmad Khán in 1854, but as I was not quite satisfied with its data and details, I availed myself of the assistance of Ramsurn dás, the then Deputy-Collector of Dehli, who was so obliging as to secure for me a new and more exact version. This recension differed

¹ This legend was copied for me, many years ago, by Syud Ahmad Khán.

² This is an item of some importance in the discussion of the correct determination of the applicability of the title of *Amir*, on the early *Dehliwadas*, to the reigning sovereign, to which I have adverted at p. 51.

materially from the text given in the *Asár us Sunadced*, as may be seen from a comparison of the orthography of the names now given. I have unfortunately lost the revised document itself, but I had copied all that was of immediate value into my note-book, from which I extracted the names already published at p. 331, vol. ii. of my edition of Prinsep's Essays (1858). I am the more particular in stating these facts, as I regret to learn from Gen. Cunningham that he had made many inquiries for the inscription on the two different occasions of his later visits to Dehli, "but that it could not be found, and was supposed to have disappeared in the Mutiny."

M. Inscription of Uṭar (उटर) son of Haripál (हरिपाल) originally recorded on the *Baoh* at Pálam (Lat 28° 35', Long 77° 8') in the Dehli territory, dated Sāwan badi 13 (संवत् १३३३) Samvat 1333 = 1276 A.D., A.H. 675.

1. शहाबुद्दीन *Shahbuddín*.
2. कुतबुद्दीन *Kutabuddín* with the title of भूपालः *Bhūpālāḥ*.
3. शमशुद्दीन *Samsuddín*.
4. फेरोज़शाह *Pheroz Sháh* with the title of बभूवभूमिपति *Babhūva Bhūma Pati*.
5. जलालुद्दीन *Jaláluddín (Rustak)*.
6. मौजदोन *Maujadm*, title नृपः *Nripah*.
7. अल्लबुद्दीन *Alévuddín*, title नृपति *Nripati*.
8. नसीरुद्दीन *Nasíruddín*, title पृथ्वीद्र *Prithvídra*.
9. गयासदीन *Gyásadín*, title श्रीहम्मीर *Srī Hammira*.

Mu'izz-ud-dín Muhammad bin Sám is here called by the title he bore as commander in his early campaigns—both the brothers, Shams-ud-dín, the *senior*, and Shaháb-ud-dín himself, adopted new titular designations on the elevation of

Shams-ud-dín Muhammad bin Sâm (afterwards Ghíás-ud-dín) to the throne of Ghazní.¹

It will be seen that *Arám Sháh*, the third king of the ordinary lists, is not allowed a place in this summary. Rizíah is designated by her title of *Jalál-ud-dín*, and neither her ordinary name nor her second title of رضى الدين, which appears on her Persian copper coinage (Nos. 28, 29, pl. i.), are alluded to.

नृपति *Nrpati*, "king," is the title applied to the great Mahmúd of Ghazní on his Mahmúdpúr (Lahore) coins previously noticed.²

ELEVENTH KING (A.H. 686-689; A.D. 1287-1290).

Once again the frequent tale of a dissipated king, with virtually ruling ministers, has to be told; varied only in the present instance in the extreme lengths to which the monarch carried his debaucheries, and his escape from the toils of one vizír only to fall under the subjection of a second, who eventually usurped his crown. We have seen that Balban's surviving son, Násir-ud-dín Mahmúd, *Bughrá Khán*, had already been installed in the kingdom of Bengal, which he seems to have been unwilling to quit, even for the higher honours of

قبل از سلطنت محمد بن سام را شمس الدين ميگفتند و برادرش
شهاب الدين ميخواندند چون بر سرير جهانداري تمکن يافت
ملقب بسلاطان غياث الدين گشت و برادرش را معز الدين لقب

دادند Rozat us Safá

² P. 48, *supra*.

the imperial succession.¹ The Sultán had, therefore, provided that Kai Khusrú, the son of his first-born "martyred" heir, should fill the throne of Dehli; but the party in power at the capital secured the immediate elevation of Mu'izz-ud-dín Kaikubád, the son of Bughrá Khán. The youth is described as of an amiable disposition, and as having been brought up with such extreme strictness, that the liberty and licence of his new position proved too much for his self-control. Licentiousness was readily infectious at an Oriental Court, and the new monarch found no want of panders and companions in his orgies.

The government was soon surrendered to the deputy, Nizám-ud-dín, one of whose earliest acts was the disposal of Kai Khusrú, as a preliminary to clearing the way for his own designs on royalty. The *Nau Mushm* (converted) Mughals, who had settled at Dehli, and who formed an important element in the body politic, were next assailed and massacred in detail, and few nobles felt themselves safe from the machinations of this all-powerful minister; reports of his designs even reached the Sultán's ears, only to be discredited and disregarded. But the most subtle scheme, for the furtherance of his own aims, conceived by Nizám-ud-dín, was the sowing distrust between the father and the son, and persuading the latter to advance in force towards Bengal.² The armies came

¹ Balban had been urgent in pointing out to him how much more importance, in a political sense, attached to the possession of the northern capital—which in the limited experiences of those days seemed for ever designed to remain as the central stronghold of India. He added, in the same spirit, that "whoever held Bengal must needs be subject to the ruling power at Dehli."—Ziá Barni. Elliot's *Historians*, in p. 123

² "When Bughrá Khán heard that his son . . . paid no heed to his letters, he resolved to go and see him, and wrote him a letter announcing his intention. . . . This letter awakened the Sultán's affection . . . and several letters passed. . . . It was at length arranged that the Sultán would go to Oudh, and that his father

in sight of each other near Oude, and encamped on either bank of the Sarjú; after certain preliminary peaceful advances, Bughrá Khán sent his second son, Kai Káús, to pay the introductory visit to his brother; this was responded to by Kaikubád sending over his own infant son, Kaiumours, to be presented to his grandfather. This, again, led to the old king trusting himself frankly within the limits of his son's camp; and at the public Durbár, held on the occasion, natural affections so asserted their sway, in defiance of the pompous restrictions and ceremonials of Oriental Courts, that reconciliation was at once complete, and the two monarchs vied with each other in the endeavour to surrender the place of honour.¹ The meeting, however, scarcely changed the political position of either party. Bughrá Khán was permitted to return undisturbed to Bengal, whose local throne was filled

should come from Lakhnaúf and meet him on the banks of the Saúd. The Sultán's intention was to proceed privately (*ja'idah*) to the Sarjú, but his minister opposed this, . . . observing that 'the journey was long, and that he ought to travel in state with an army . . . Old writers had said that in pursuit of dominion fathers will slay their sons, and sons their fathers. Ambition for rule stifles both paternal and filial affection . . . The Sultán's father had struck coins, and caused the *Khutba* to be read in his name,—besides, he was the rightful heir to the kingdom, and who could foresee what would happen at the interview. The Sultán ought to proceed with his army in all state and grandeur. The Rais and Rájas would then come to pay their respects, but if he travelled with haste, all reverence for the kingly office would be lost' . . . His advice was taken by the Sultán, and he directed his army and travelling equipage to be prepared."—Zifá Barni *Elhot's Historians*, iii. p. 130.

¹ This remarkable interview has been made the subject of a poem, in 4,000 couplets, entitled the "Kún us S'udán," by the celebrated Yamin-ud-dín, Abdúl Hasan, *Amir Khusrá Dehlavi*, which was composed under the auspices of Kaikubád himself in A. H. 688. Those who are disinclined to encounter the tedious efforts and dull repetitions of Persian poetry may consult with advantage an exhaustive review and analysis of this work, by Professor E. B. Cowell, in the *Journal As. Soc. Bengal* for 1860, pp. 225-239. The date of the effective start of Mu'izz-ud-dín, from Dehli, on his march southward, is calculated by Professor Cowell to have been *Rabi' ul awwal*, A. H. 686, p. 230.

by his family after him for two generations, while the empire of Dehli speedily passed into the hands of an alien race

But little remains to be said about Kaikubád's reign. On his return to his capital the objectionable vizír was quietly poisoned, and his place supplied by Jalál-ud-dín *Khují*, governor of Sámána. The Sultán having now become paralysed, his son, of tender years, was placed on the throne, under the title of Shams-ud-dín, and the old *Balbaní* Túrks rallied round him in the hope of saving the kingdom from the power of the *Khujís*; but their measures to that end were of little effect, for Jalál-ud-dín having got possession of the person of the young prince, sent one of his followers to put an end to the dying Sultán, whose body was ignominiously cast into the Jumna.¹

Mu'izz-ud-din Kaikubad

No. 116 (pl ii fig 46, Marsden, DCXVIII)

Silver. Weight, 168 grs Average weight of 5 coins, 164.2 grs.

DEHLI. Dates, 637 A.H. and 688 A.H.

الامام	السلطان الاعظم
المستعصم امر	معز الدين
المومنين	ابو المظفر كباد
	السلطان

Margins—

ضرب هذه الفضة بحضرت دهلي في سنة سبع وثمانين وستمائة

¹ The *Tárikh Mubárah Sháhi* gives the date of this event as the 19th Muharram A.H. 689, Kaikubád's accession having taken place in A.H. 686, and not, as erroneously stated by Zifá Barú, in 685. As this is the *single* date given in the entire reign, it might have been hoped that it should be rightly given.—Elliot's *Historians*, III. 125.

No. 117 (pl. ii. fig. 47). Silver and copper. Weight, 54 grs.

Obverse—السلطان الاعظم معز الدنيا والدين

Reverse { كنگداد *Katkhadd.*
श्री सुलतान मुजुद्दीन *Sri Sultān Mu-lyudīn.*

The old initial form of the letter ई is remarkable.

No. 118 (pl. ii. fig. 48). Copper. Weight, 51 grs.

Obverse—السلطان الاعظم

Reverse—معز الدنيا والدين

No. 119 (pl. ii. fig. 49). Silver and copper, or copper?

Weight, 59 grs.

OBVERSE

عدل

معزى

REVERSE.

نخضرت

دهلى

TWELFTH KING (A.H. 689-695; A.D. 1290-1295).

Jalāl-ud-dīn Fīrūz having accomplished the revolution which transferred the imperial throne from the Tūrks to the Khūjlīs,¹ proceeded with considerable caution in the consolidation of his own power. Among other prudent measures, he retained the young prince Kanumours as the ostensible Sultān for more than three months, and succeeded in inducing Malik

¹ Zīā Barī professes to speak of the events of this reign as coming under his own personal observation (text, p. 173), and yet his opening date for the accession of Jalāl-ud-dīn Fīrūz, i.e. 688 A.H., has to be corrected into 689 A.H. on the authority of Mīr Khusrū. The *Ta'rikh Mubtā'ik Shāhī* concurs in this latter date. Nizām-ud-dīn Ahmad retains the 688, but Budaoni corrects his own version of the date into 689 (text, p. 166). Foishtah has 687 A.H. (Briggs, i. 283 Bombay text, i. 151)

Chhaju, the nephew of Balban, to leave the capital and proceed to his fief at Karra; and, as he distrusted the good-will of the people of Delhi, he removed his court to the site of the new town of *Kilúghari*, on the Jumna, which had already been partially occupied by Kaikubád.¹

In the second year of Fírúz's reign, Malik Chhajú broke out into open revolt, and, aided by the old Túrki party and numerous contingents of Hindustáni troops, advanced towards the capital.² The Sultán, on the other hand, was warmly seconded by his Khiljí adherents, and his disciplined warriors easily defeated the indigenous levies; he then endeavoured to gain over the captive nobles by clemency and conciliation, even Chhajú himself was spared. In reply to the expostulations of his courtiers, he attempted to justify this unwise leniency by his unwillingness to shed Muslim blood, and the hope that he might thus convert enemies into friends. The single instance in which retributive justice was allowed to run its course was infelicitous, as the individual who was sacrificed chanced to be a pious *Darvesh*, Sidi Maulá

¹ The exact site of Kilúghari was S E of Humáyún's Tomb and N. by W of Khizrábád, which latter positions are duly marked in the plan of Delhi which illustrates this work. In 1808 the Jumna had materially changed its old bed, which lay much to the westward of the course here indicated, following a bend inwards, which left Kilúghari on a bold promontory.—Journal Archaeological Society of Delhi, A D 1853, p. 52. Cunningham's Report, 1862-3, p. 38

² Malik Chhajú is stated to have affected all the honours of kingship under the title of Mughís-ud-dín

و ملكت چيچو خود را سلطان مغت الدین خطاب كرد و در سامی

هندوستان خطبه بنام خود خواناد Ziā Barni

The striking of coin is likewise specified in a subsequent passage

و ملكت چيچو كه چندین ماه در هندوستان خطبه او خواندند و

سكه بنام او زدند p. 184.

by name, whom certain conspirators had designed to place upon the throne.

'Alá-ud-dín, the nephew and son-in-law of the Sultán, who had been entrusted with the districts of Karra, etc., on the defeat of Chhajú, found himself on reaching his government within much of the pernicious influence of the hostile Túki adherents of his predecessor, and listening to their persuasions, he seems to have commenced the series of his most successful campaigns against the Hindú kingdoms of the south, mainly with a view to the acquisition of sufficient wealth, by plunder, to enable him to equip such a force as should completely overpower the royal army. Eventually, however, deceit was preferred to overt insurrection; and the Sultán having been deluded into visiting 'Alá-ud-dín in his camp, at Karra, was assassinated while clasping the hand of his treacherous nephew.¹

Jalál-ud-dín Firúz Sháh.

No 120. Gold Weight, 167 grs. Unique B.M.

This is a most crude and ill-executed piece, which, though bearing the name of Dehli on the margin, has every appearance of being the produce of one prepared in 'Alá-ud-dín's southern camp, with a view to the ready conversion of plunder into coin. The legends imitate, in their tenor, the conventional epigraphs of the silver coinage, but the characters are badly formed and at times unintelligible. This is particularly the case with the marginal legend, where the word *سكه* has to be taken for granted, and the date appears as *نمایین و ستمایین*, 680 A.H., which is clearly an error. The gold of which the piece is composed is unrefined and unequally wrought.

¹ Among the casual incidents mentioned by Zifá Barni as occurring during this reign, may be noted the famine after the death of Sidi Maulá, when wheat rose to the price of a "jital per *sh*," the Sultán's expedition in person to Rantambhor in 689 A.H., the murder of the Mughals in 691 A.H., the Sultán's march to Gwalior in 695 A.H.

No. 121 (pl. ii. fig. 50). *Silver*. Weight, 168 grs. *DEHLI*. Dates observed, A.H. 689, 690, 691, 692, 693, 694, 695.

Small square area, with broad margin.

الامام
المستعصم
امير المؤمنين

Square area, occupying the entire surface of the coin

السلطان الاعظم
جلال الدنيا والدين
ابو المظفر فيروز شاه
السلطان

Margin—

صرب هذه العنة بحصرة دهلي في سنة احدى و تسعين و ستماية

No 122 (pl. ii. fig. 51). *Silver and Copper*. Weight, 52 grs

Obverse—السلطان الاعظم جلال الدنيا والدين

Reverse { Centre, فيروز شاه
Margin, श्री सुलतान जलालुद्दीन *Shri Sultán Jaláluddín*.

No 123 (pl. ii. fig. 52) *Copper* Weight, 67 grs

Obverse—السلطان الاعظم

Reverse—جلال الدنيا والدين

No. 124 (pl. ii. fig. 53). *Silver and Copper*. Weight, 29 grs.

Obverse—عدل فيروز شاه

Reverse—بحصرت دهلي

THE CONTEMPORARY COINAGE OF BENGAL

We now reach a period in the numismatic history of India when Bengal had arrived at the honours of a national coinage. The tangible produce of its mints henceforth runs in a parallel series with the Imperial issues, and continues to have an illustrative bearing upon the Chronicles of the Sultáns of Dehli up to the epoch when Firúz Sháh III. (A.H. 754) had to abandon for ever, on the part of his dynasty, any pretence of interference with the southern section of the old dominion. The special interest of the Dehli Patháns in the Bengal currencies only recommences towards the final close of the rule of the race, when Shír Sháh Afghán carried up to Northern India certain modifications and novelties in the current coin, which were again imitated and adopted, simultaneously with the far more material fiscal reforms introduced from below, by Akbar on his recovery of India in A.H. 1003, regarding either of which appropriations this great Mughal's laudatory biographers are discreetly silent.

The passages quoted below,¹ from Ibn Batutah, will put

¹ "C'est le Sultan Fakhr eddîn, surnommé Fakrah, qui est un souverain distingué, aimant les étrangers, surtout les fakirs et les soufis. La royauté de ce pays a appartenu au Sultan Nâsar eddîn, fils du Sultan Ghiyâth eddîn Balaban, et dont le fils, Mo'izz eddîn, fut invest de la souveraineté à Dihly. Nâsar eddîn se mit en marche pour combattre ce fils, ils se rencontrèrent sur les bords du fleuve, et leur entrevue fut appelée la rencontre des deux astres heureux. Nous avons déjà raconté cela, et comment Nâsar eddîn abandonna l'empire à son fils et retourna dans le Bengale. Il y séjourna jusqu'à sa mort, et eut pour successeur son (autre) fils, Chams eddîn, qui, après son trépas, fut lui-même remplacé par son fils, Chihâb eddîn, lequel fut vaincu par son frère, Ghiyâth eddîn Behâdour Boûrah. Chihâb eddîn demanda du secours au Sultan Ghiyâth eddîn Toghlok, qui lui en accorda, et fit prisonnier Behâdour Boûrah. Celui-ci fut

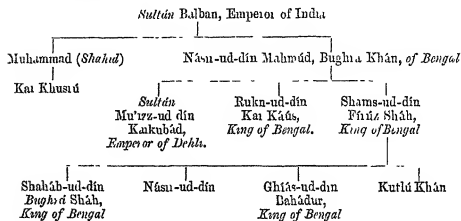
the reader in possession of all that is known of the obscure local history of the day. The information contributed by the acute African traveller is to be found in none of the indigenous authors, who, writing under Imperial inspirations, naturally disregarded the annals of a subordinate province, however important a part that section of India was destined to play in the future of the land. From these and other

ensuite relâché par le fils de Toghlok, Mohammed, après son avènement, à condition de partager avec lui la royauté du Bengale, mais il se révolta contre lui, et Mohammed lui fit la guerre jusqu'à ce qu'il le tuât. Il nomma alors gouverneur de ce pays un de ses beaux-frères, que les troupes massaïdèrent. 'Aly Châh, qui se trouvait alors dans le pays de Laenaouty, s'empara de la royauté du Bengale. Quand Fakhr eddîn vit que la puissance royale était sortie de la famille du Sultan Nâssir eddîn, dont il était un des affranchis (ou clients), il se révolta à Sodeâwân سداوان [Sodagaon] et dans le Bengale, et se déclara indépendant. Une violente inondation survint entre lui et 'Aly Châh. Lorsqu'arrivèrent le temps de l'hiver et la saison des boues, Fakhr eddîn fit une incursion sur le pays de Laenaouty, au moyen du fleuve, sur lequel il était puissant. Mais quand revenaient les jours où il ne tombe pas de pluie, 'Aly Châh fondait sur le Bengale par la voie de terre, à cause de la puissance qu'il avait sur celle-ci."—Vol. iv p. 212. See also Lee's Translation, p. 195.

'Les autres émir s'enfurent près du Sultan Chams eddîn, fils du sultan Nâssir eddîn, fils du sultan Ghurâth eddîn Balaban, et se firent à sa cour. Les émissaires fugitifs séjournerent près du sultan Chams eddîn. Dans la suite, celui-ci mourut, léguant le trône à son fils Chihâb eddîn. Ce prince succéda à son père, mais son frère cadet, Ghurâth eddîn Behâdûr Bôûrah (ce dernier mot signifie, dans la langue indienne, *le noir*, الأسود), le vainquit, s'empara du royaume, et tua son frère Kothlû Khân, ainsi que la plupart de ses autres frères. Deux de ceux-ci, les sultans Chihâb eddîn, et Nâssir eddîn, s'enfurent près de Toghlok, qui se mit en marche avec eux, afin de combattre le fratricide. Il laissa dans son royaume son fils Mohammed en qualité de vice-roi, et s'avança en hâte vers le pays de Laenaouty. Il s'en rendit maître, fit prisonnier son sultan Ghurâth eddîn Behâdûr, et reprit avec ce captif le chemin de sa capitale."—Vol. iii p. 210. See also Lee's Translation, p. 128.

Ibn Batutlah himself was, however, by no means infallible: for instance, on one occasion he makes Bahâdûr the *son* of Nâssir-ud-din instead of the *grandson* (iii 179, 210, iv 213). Dr Lee's version again, in omitting the intermediate name of Nâssir-ud-din, skips a generation, and makes Shams-ud-din Firuz a *son* of Balban (p. 128).

incidental materials I have constructed a genealogical tree of the rulers of Bengal who succeeded Násir-ud-dín Mahmúd, the son of Balban, whose undisturbed return into Bengal has been already noticed



The coins of Rukn-ud-dín Kai Káús, discovered in the celebrated Kooch Bahái hoard,¹ had already enabled me to correct the erroneous statement of Zíá Barni² as to the length of the reign of Násir-ud-dín Mahmúd, *Bughá Khán*, of Bengal, in virtue of the sustained series of dates 691-695, still legible on the pieces in question. The inscription I am now able to quote establishes more definitely Kai Káús's position as local

¹ Colonel J C Haughton, to whom we are indebted for the knowledge of this *hoard*, was so obliging as to furnish me with some interesting details of the site of discovery and illustrations of the neighbouring localities — "The place where the coin was found is about three miles S W of Deenhatta, not far from the Temple of Kuteswarae (or Komit Eswarae) on the banks of the river Dhurba. Near to this temple is a place called Gosam Moarae, a short distance from which are the ruins of Kutesam Rája's capital, called Kuteswarae-Pat, consisting of a mound of considerable extent, which has been surrounded with several ditches and walls, which are again protected at the distance of a mile or two by enormous mounds of nearly 100 feet high. The brass vessels, in which the treasure was deposited, were ordinary brass *lotahs*, to which the top or lip had not been fixed, but in lieu thereof the vessels were covered by canister tops, secured by an iron *spike* passing from side to side."

² Calcutta text, 451, Ferishtah, Buggs, i. 406, Jour. R. A. S. ii. N. S. pp. 180, 188, Stewart's Bengal, pp. 80, 118.

sovereign of Bengal in 697 A.H., confessing allegiance to the supreme Sultán 'Alá-ud-dín, "Sikander us Sáni;" and it officially confirms the fact already testified to by Mír Khusru (p. 140, *ante*)¹ and Ibn Batutah, that he was the "son of Mahmúd, son of the Emperor" (Balban), a descent the coins are careful to indicate in the unusual iteration of

سلطان بن سلطان

Rukn-ud-dín Kai Káús of Bengal.

No 125 (pl. vi. fig 2). Silver. Weight, 168 grs. Very rare.

Lakhnauti, A. II 691, 693, 694, 695

الامام	السلطان الاعظم
المستعصم	ركن الدين اسو
امير المؤمنين	المظفر ككاوس سلطان
	بن سلطان بن سلطان

Margin—صرف هذا القصة حصرت لخموني ستة خمس ونسعين وستمائة—

N Translation of an Inscription of Kai Káús found among the ruins at Gunga Rámpúr, near Dinájpúr

"This Masjid was built in the reign of the king of kings, Rukn ud dunyá wa ud dín, the Shadow of God upon earth, *Káú Káús Sháh*, son of Mahmúd, son of the Emperor, the right hand of the Khalifah of the Loid, Assister of the Amir ul Mámúnin, may God perpetuate his kingdom and his government—by instructions of the Khusru of the age, Shaháb ul Ilak wa ud dín, Sikandar us Sáni, the Ulugh A'azim, Humáyún Zafar Khán . . . of the empire, may God perpetuate his kingdom and his government, and extend his years, . . . and under his own royal superintendence and orders, on the 1st of Muharram, A. H. 697 "

I am indebted to Colonel Nassau Lees for the above rough translation of the original inscription, which was prepared by

از پدر آمدن شاه جهان ككاوس بر برادر . . .

—Lucknow, lithographed edition of the *Kirán us S'adatan*, A. H. 1261, p. 102, and Prof Cowell, in J.A.S. Bengal, 1860, p. 234.

him as a mere basis for a more complete rendering, when the *text* of the inscription itself could be defined and determined. Unfortunately there is no transcript or facsimile of the Persian epigraph in this country, so that neither Col. Lees nor myself deem it desirable to alter or amend in any respect the simple outline at present available.

BENGAL MINTS.

With a view to obviate needless breaks in the continuity of the leading subject of the coins of the Dehli Patháns, it may be as well to take this opportunity of disposing of the geographical relations of the southern mints, irrespective of the epochal order of their occupation as towns, or their elevation into *quasi*-capitals, invested with the faculty of coining the king's money.

The most interesting details furnished by the Bengal coins are those which illustrate the geographical distribution of the chief seats of government. Unlike the Northern Muslims, who, in the difficulty of moving the Eastern hosts, conventionally deemed essential to an Imperial progress, over the imperfect highways of Hindustán, confined themselves ordinarily to one fixed metropolis, the kings of Bengal enjoyed facilities of river communication almost unprecedented. Their various capitals, situated within easy distance of each other, were at all times accessible by water,—a differently constructed State barge secured at any season free approach to the seaboard cities of the great Ganges, or to the towns on the narrow channels of the western streams. These frequent regal visitations are incidentally recorded on the coinage of the day, by the insertion of the prefix *حصرت* to the name of the selected residence, which term colloquially marked the presence of royalty within the limits of the favoured fiscal division.

The leading mint cities were seven in number—No. 1, *Lakhnauti*,¹ 2, *Firúzábád*; 3, *Satgaon*, and 4, *Shahr Nau*, in Western Bengal, afterwards called *Jannatábád*; with 5, *Sonárgaon*; and 6, *Mu'azzamábád*, in the eastern division of the province; and 7, *Ghiáspúr*.

2. *Firúzábád* (Pandúa), in addition to the preferential *Hazrat*,² is styled variously *Bahlat* and بلدة المحروسة “fortified city,” a specification which probably refers to the separate though closely proximate citadel of *Akdálah*, so celebrated in the military annals of the time.

3. *Satgaon* is distinguished by the prefix of عَرَصَة (Atrium), a term which, in India, came to be conventionally used for a tract or geographical division of country,³ a sense which would well accord with its application to *Satgaon*, as the third circle of government of Bengal proper.⁴ In the reign of 'Azam the mint specification is more directly brought into association with the town itself in the seemingly more definite localization involved in the word فِصَّة.⁵

¹ See note, p. 107, *supra*

² حَضْرَة “Præsentia, Majestas, urbs, in qua est regis sedes” Dr Blochmann has an interesting article on the Antiquities of Pandúa in the Proceedings As Soc. Bengal, April, 1870, p. 120

³ عَرَصَة زَمِنْ in Persian means “surface of the earth.” Sir Henry Elliot remarks, “The words used before Akbar's time to represent tracts of country larger than a *Pergunnah* were ولايت, ديار, عرصه, خطه, شى, افطاع. —Glossary of Indian Terms, *sub voce*, “Circar”

⁴ Zâ Barni, in introducing his narrative of Tughlak Shâh's expedition to Bengal (A. D. 724), speaks of that province as consisting of the three divisions of “*Lakhnauti*, *Sonárgaon*, and *Satgaon*” (p. 460, printed edition)

The *A'in-i-Akbari*, in the sixteenth century A. D. thus refers to *Satgaon*, “There are two emporiums a mile distant from each other, one called *Satgaon*, and the other *Hoogly* with its dependencies, both of which are in the possession of the Europeans.”—Gladwin, ii. p. 16. See also Rennell, p. 67, Stewart's Bengal, pp. 186, 240, 243, 330.

⁵ From فَصَّبَ “amputavit,” hence فِصَّة “oppidum, vel potius, præcipua pars oppidorum”

4. *Shahr Nau* I suppose to have been the intitulation of the new city founded near the site of the old Lakhnauti:¹ it is variously denominated as the simple '*Arsat* or عَرْصَةُ المعمورة (populous, richly cultivated).² This progressively less appropriate name may be supposed to have merged into the official Jannatábád, which follows in mint sequence.

5. *Sondrgaon*, as a rule, retains its ancient discriminative

¹ The decipherment of the name of this mint (as Colonel Yule remarks) determines for mediæval geography the contested site of Nicolo Conti's *Cernove*. The Venetian traveller in the East in the early part of the fifteenth century is recorded to have said that "he entered the mouth of the river Ganges, and, sailing up it, at the end of fifteen days he came to a large and wealthy city called Cernove. On both banks of the stream there are most charming villas and plantations and gardens. . . . Having departed hence, he sailed up the river Ganges for the space of three months, leaving behind him four very famous cities, and landed at an extremely powerful city called Masazza, . . . having spent thirteen days 'on an expedition to some mountains to the eastward in search of carbuncles.' . . . he returned to the city of Cernove, and thence proceeded to Buffetama"—The travels of Nicolo Conti, Hakluyt Society, London, pp. 10, 11

See also Purchas, vol. v p. 508, and Murray's Travels in Asia, II. 11.

There are also many interesting details regarding the geography of Bengal, and a very full and laud summary of the history of the period, to be found in *Da Asia de João de Barros* (Lisbon, 1777, vol. iv [viii], p. 465, *et seq.*) At the period of the treaty of Alfonso de Mello with "El Rey Mapund de Bengala" (the king whom Shih Sháh eventually overcame), the name of Shahr Nau had merged into the old provincial designation of *Gau*, which is described as "A principal Cidade deste Reino he chamada *Gowu*, situada nas correntes do Gange, e dizem ter de comprido tres leguas das nossas, e duzentos mil vizinhos" (p. 458) Satigam makes a prominent figure on the map, and Sondrgam is located on a large island within the Delta, the main stream dividing it from Dacca, which is placed on the opposite or left bank of the estuary.

More modern accounts of the old city may be found in Purchas, I. 579, Churebill, viii. 54, also Rennell, Memoir of a Map of Hindoostan, London, 1788, p. 56, Stewart, p. 41, and in a special work entitled "The Ruins of Gour," illustrated with maps, plans, and engravings of the numerous Muhammadan edifices extant in 1817, by H. Croughton, 4to, London, Black, Parbury, & Allen. See also Elliot's Glossary of Indian Terms, *sub voce*, Gaur Brahmin.

² The adjective (derived from عَرْصُ *arṣu*) will admit of other meanings, and, if understood as applying to a town, might signify "well built," locally *pakha*.

designation of *حضرة جلال*, *Hasrat-i-Jalál*, a title which it eventually had to cede to its rival Mu'azamábád.

6. *Mu'azamábád*. There is no definite authority for the determination of the site of this city, which, however, seems to have been founded by Sikandar bin Iliás about 758-759 A.D., when his own coins record that he himself assumed the title of *المعظم*, without trenching upon the superlative *الأعظم*, usually reserved for the reigning monarch, his father. I conclude that there was a gradual migration from the ancient Sonárgaon to the new city, which grew in importance from the governmental centre implied in the *أولم معظم آباد* of 760 A.D. to the *بلدة المعظم معظم آباد*, "the great city of Mu'azamábád," of about 780 A.D., till, on the disappearance of the name of Sonárgaon from the marginal records of the general currency, the new metropolis appropriates to itself the immemorial *حضرة جلال* of Eastern Bengal.¹

I refer for the moment to No 7, *Ghiáspúr*, which Col. Haughton informs me is near Gaur, about one mile N.W. of Maldah; and I take the opportunity of remarking that the sole remaining name of *Jannatábád*, an epithet which is erroneously stated to have been given by Humáyún to the re-odified Lakhnauti,² is here seen to have been in use a century and a half before the later Mughal dynasty of India made its way into Bengal.

¹ Dr Blochmann remarks in regard to the site of this city—“The two mints, Mu'azamabad and Ghiáspúr, of Thomas, can perhaps be verified, the former is probably the same as Mu'azzampár in Sonárgaon, the latter belongs to Lakhnauti.”—Proceedings As Soc Bengal, April, 1870, p. 121.

² *Ain-i-Akbari*, ii p. 11, Stewart's Bengal, 124 Bengal itself was called *جنة البِلَال* “The Paradise of Regions.” Ibn Batutah, iv. p. 210, says the Persians called Bengal *دوزخ پر نعمه* “ee qui signifie,” en arabe, “un enfer rempli de biens.” (The original Arabic text quotes the passage in imperfect Persian as *دورخست نور نعمه*). Marsden, Num Orient. p. 578, gives a coin of 'Alá-ud-dín Hussain Sháh, of A.D. 917, purporting to have been struck at “*Jannatábád*.”

The single item remaining to be mentioned in regard to the later mints is the substitution of the word *نصبة* in lieu of *بلد*¹ as the prefix to *Firúzábád*, in parallel progress towards centralization with the mint phraseology adopted in the case of *Satgaon*.

THIRTEENTH KING (A.H. 695; A.D. 1295).

On the assassination of his father, in the camp of 'Alá-ud-din, in *Ramazán*, A.H. 695, *Rukn-ud-dín Ibráhím*² was elevated to the throne of *Hindústán*. His mother, *Malika-i-Jahán*, who retained her influence in the city of *Dehli*, in her haste to secure a representative of royalty, selected him in preference to the proper heir, *Arkali Khán*, who was absent at his post at *Multán*. This gave *Ibráhím* a temporary existence as a king,—a dignity which otherwise, as a younger son and a minor, he was neither entitled nor fitted to hold. 'Alá-ud-dín, having already at his command a powerful army, and the wealth of the *Dakhan* supplying him with unlimited means of increasing his forces and conciliating wavering opponents, had merely to advance on the capital to put an end to the rule of the boy *Sultán*, whose safety was for a time secured by a precipitate flight to *Multán*.

¹ *بلد* "regno," also "oppidum" The plurals are said to vary, in correspondence with the independent meanings, as *بلاد* and *بلدان*.

² *ملك ركن الدين فدرخانا ابراهيم شاه خطاب شد*

—*Tārīkh Mubārak Shāhi*, MS., and *Zīā Bai*, text, p. 184.

No. 126 (pl. ii fig. 54). Silver. Weight, 167 grs. Dehli, A. K. 695.

Unique (Lord Auckland's collection, B M.)

السلطان الاعظم	السلطان الاعظم
جلال الدنيا والدين	ركن الدنيا والدين
فروز شاه ناصر	ابو المظفر ابراهيم شاه
امير المؤمنين	السلطان بن

Margin—

ضرب هذا الفضة بحضرت دهلي سنة خمس و سعين و ستمائة

The modification in the general tenor of the legends of this piece seems to mark the confessed insecurity of the rule of the now king; the insertion of the name and titles of the late Sultán at full length looks like an appeal to the allegiance of the adherents of the father's throne, an apostrophe in favour of the direct line against the threatened claims of the too-powerful nephew. The usual record of the name and title of the long since defunct Al Must'asim is replaced by the attribution to the deceased Firúz Sháh of the ancient, but latterly disused designation of *Násir Amir al Múminin*.

No. 127 (pl. ii. fig. 55) Silver and copper. Weight, 52 grs. Rare.

*Obverse—*السلطان الاعظم ركن الدنيا والدين

*Reverse—*ابراهيم شاه بن فروز شاه

No. 128 Copper. Weight, 59 grs. New variety. Similar in types to No. 52, pl. ii. My cabinet.

*Obverse—*السلطان الاعظم

*Reverse—*ابراهيم شاه بن فروز شاه

No. 129 (pl. ii fig. 56) Copper. Weight, 38 grs. Rare.

*Obverse—*عدل ابراهيم شاه

*Reverse—*بن فروز شاه



'ALÁ-UD-DÍN'S ARCHES AT THE KUTB (with the annexed Hindu columns in the background), from a sketch by J. Fergusson, Esq.

"The glory of the mosque, however, is not in these Hindu remains, but in the great range of arches on the western side, extending north and south for about 855 feet, and consisting of three greater and eight smaller arches, the central one 22 feet wide and 53 high, the larger side arches 24 feet 4 inches"—Fergusson's *Handbook of Architecture*, is p. 649

FOURTEENTH KING (A.H. 695-715; A.D. 1295-1315).

'Alá-ud-dín *Muhammad Sháh* went through the almost needless form of a double coronation; he clearly felt himself already *Sultán* of his own delegated domains, as well as of

his recently-acquired conquests in the Dakhan, from the moment he let fall the too confiding hand of the monarch to whom he owed so much, and whom he so foully ensnared and murdered; he therefore lost no time in assuming the insignia of royalty in his camp at Karra, on the 16th of Ramazán, A.H. 695. This act, as it were, constituted the symbolical assumption of the regal turband of the south; he had still to win the jeweled tiara of Imperial Dehli. In the attainment of this object he proceeded with his accustomed energy and craft, but the scale seems to have been finally turned by the empty treasury of legitimacy at the capital and the superabundant resources of the spoiler of the Idolaters. His catapults, instead of projecting hard stones against the city walls, were employed, as toys, in scattering largesses among the greedy multitude, for which purpose the unconverted stars of the southern peninsula¹ were peculiarly appropriate. The Maliks and Amírs, each in his own degree, received retainers, in some instances to the amount of 50 *mans* of gold. And so the Indian world welcomed him, it might be said, in the words of the Latin poet—

“Æra dabant olim, melius nunc omen in auro est;”

Ovid Fast, l. 220.

On the 22nd Zi'l hijjah, 695, the new Sultán was formally enthroned in the ancient fort of Prithví Rájá.²

I will not attempt to recapitulate the political events of this long reign; they were of the ordinary character—insurrections,³ invasions of the Mughals, one of which claims a

¹ The daily distribution amounted to پنج من اختر زر “five *mans* of star gold.” See also note under coin No. 131, page 169

² Tāukh 'Alá, Elliot's *Historians*, iii. 69.

³ One of these revolts was nearly fatal to the Sultán's life, another was so far remarkable that, while the Sultán was occupied in the siege of Rantambhor, a

separate notice in some detail, and the repeated successes of Malik Nâib Káfûr, who had latterly taken his master's place in command of the army in the Dakhan, and who, in the end, availed himself of that master's dying hours to forward his own intrigues against the lawful heirs of the throne. 'Alâ-ud-dîn died of dropsy in his palace at Delhi on the 8th of Shawwâl, 715 A.H.¹

There are some incidents in 'Alâ-ud-dîn's story which more nearly concern these numismatic chronicles, such as his assumption of the title of the Second Alexander, and a notion entertained of a new religion, of which he was to be the oracle, both of which items are testified to by the coins. But the most curious record of this Sultân's reign is his attempt to increase his too-costly army by administrative regulations which should lower the prices of provisions and other necessaries of life, while it crops out, in an obscure way, that he contemplated a simultaneous reduction in the silver *tankah*² from 175 grains to 140, for the special benefit of his

turbulent man called Hâjî Maulâ succeeded in getting possession of the royal palace at Delhi, and absolutely elevated a puppet king, in the shape of a descendant of 'Alî, who, however, only enjoyed the doubtful dignity for a few days, for which he paid the forfeit of his head — Elliot's *Historians*, iii 176

¹ The death of 'Alâ-ud-dîn is now pretty well determined as having occurred on the 8th of Shawwâl, A.H. 715. Although Mir Khusrû, in one instance, makes it the 7th (Khizî Khân and Dewl Râni), in another of his works he fixes the death of the one king and the accession of the other at (زوال دو چهار) or 8th of Shawwâl (Dihân Bakîya Nakîya) (*Delhi Archaeological Journal*, 1853, p. 39). The *Târikh Mubârak Shâhi* confirms the date of the 8th.

² Fauslah's account of the weights and measures of this period is as follows: "In order to comprehend the true value of the money of that day, it is proper to state that a *tankah* was equal to a *tola* in weight, whether of gold or silver, and a *tankah* of silver was equal to 50 *jitals*. The *jital* was a small copper coin, the weight of which is not now known — some conceive it was a *tola*, while others are of opinion that the *jital*, like the *pie* of the present day, weighed $1\frac{1}{2}$ *tola*. The

own payments to the *Sipáhis*.¹ We have no specimens of these so inappropriately called '*Adulis*', but we meet with them on the first accession of Muhammad bin Tughlak (A.H. 725), to which occasion it may be as well to defer a more extended notice of them. The associate operation upon the prices of provisions has a far more general interest, as although the machinery employed implied a certain amount of force and compulsion, the main object was sought to be obtained by taking payment of the revenue in kind, the establishment of royal granaries, state advances to merchants,² and other simple and obvious methods of facilitating the supply of the capital. So that, in effect, the official rates for the metropolis do not depart greatly from what might be styled the normal scale of prices, when distributed over an average of town municipalities; and this *quasi*-equity is indeed supported by the natural open-market rates obtaining at a later period, when money may have been supposed to have fallen in relative value.

man of the time of Jalál-ud-dín (Fírúz) weighed 40 *strs*, and each *str* weighed 21 *tolas*"—Ferishtah (Briggs), vol. i p 360, Bombay text, p. 199

¹ I obtain this information, in somewhat of an obscure form, from the *Tárikh 'Alá*, otherwise called the *Khazám ul Futúh*, of Mír Khusrú—a curious and somewhat rare *prose* work of that celebrated poet. The fancies and metaphors of Persian verse are here untrammelled by the requirements of metre, and the author has an opportunity, of which he has availed himself to the full, of indulging in quips and quarks, and verbal conceits, that a European interpreter scarcely thanks him for. The work is otherwise highly valuable as a contemporary narrative of some of the events of 'Alá-ud-dín's reign, extending from A.H. 696 to 710. My own copy of the work was made for me at Delhi, in 1853, from the original MS. in the possession of Nawáb Amin-ud-dín Ahmad Khán, of Lohárú, under the supervision of our most learned "*Sadr ul Sadár*," *Mawláná Sadr-ud-dín*, who has added an elaborate commentary and marginal notes to all the difficult passages. See also Elliot's *History*, iii 67, J.R.A.S in N S., 115.

² We learn incidentally that the *Muláms* were the leading traders of the day —J A.S.B. 1870, p. 31.

'ALĀ-UD-DĪN MUHAMMAD'S ENFORCED RATES OF PRICES OF PROVISIONS,
ETC.

	A H 703-715	A D = 1303-1315.
Wheat, حنطة	per man.	7½ <i>jitals</i> . ¹
Barley, جو	"	4 "
Rice, in husk, صالي	"	5 "
Mash, ماش, vetch (<i>Phaseolus radiatus</i>).	"	5 "
Nakhūd, نخود, pulse (<i>Cicer arietinum</i>).	"	5 "
Moth, مواله, lentil (<i>Phaseolus aconitifolius</i>)	"	3 "
Sugar, شکرتری	per str.	1½ "
Brown sugar, شکر سرخ (گُر) <i>Gur</i>	"	½ "
Butter, روغن ستور, <i>Ghi</i> (گھی)	2½ str.	1 "
Oil of Sesamum, روغن کنجد	3 "	1 "
Salt, نمک	2½ mans.	5 "

The *jital*, as will hereafter appear, is $\frac{1}{16}$ of a *silver tankah*

¹ Calcutta printed edition of the text of Zia Barni, pp 305, 310, and independent MSS., also Tabakāt-i Akbari MS, E I II, No 997, p 61. Buggs's return of the price of wheat is erroneous the درمنی "per man," of the original had been corrupted into دونمنی; hence the statement of "7½ *jitals* per *domany*." Elliot's *Historians*, III, 192 The Bombay text of Ferishta is right in the درمنی, p. 196 See also Jour. As Soc. Bengal, 1870, p 23, Major Fuller's excellent translation of Zia Barni, with comments by Dr. Blochmann. I have adopted Dr. Blochmann's emendation of the Persian text of the *Bibliotheca Indica* in as far as refers to "2½" after نمک "salt," in lieu of the printed دونیم, which, however, is very constant in the various MSS., but I retain شکرتری even as I adhere to the pronunciation of *Kohrdm*, on the faith of the local speech of the present day.

of 175 grs.; at the exchange of 2s. per *tankah*, the *jital* would therefore correspond in value to $1\frac{1}{2}$ farthing, or rather less, as the 2s. is a very high rate of exchange for the old silver piece. The Delhi *sir*, of an approximate date, is stated to have been 70 *miskáls*, and the *man* 40 *sirs*.¹ Now, taking the weight of the *miskál* at the even average of 72 grains, the *sir* would range at 5040 grains (or 720 grains less than the Troy pound of 5760 grains), and the *man* would amount to 201,600 grains, or 35 lbs. troy, and 28·8 lbs. avoirdupois, or a little over the quarter of a hundredweight, or less than half a bushel of wheat.² To complete the evidence contributed by this foreign statistician, we must examine a *second* or alternative test, which he introduces, apparently for the more ready comprehension of the western world, in the form of a parallel estimate of the Indian *man* under its equivalent in Egyptian *dirhams*. Of these latter, 102 $\frac{1}{2}$ are stated to correspond *in weight* with the Delhi *sir*. Now, although the *dirhams* of the Mamlúks of Egypt of this period, in their tangible and once current form, would only lead to endless complications as bases of calculation,³ yet the *quasi*-theoretical scheme of the normal Arabian system of the relative weights of gold and silver coins, gives us a curious approximation to the return obtained from the simple calculation just

¹ Le *nil (soit)* de l'Inde, qui porte le nom de *man* مَن, pèse 70 *mishkals*, qui, estimés en dirhams d'Égypte, en valent 102 $\frac{1}{2}$. Quarante *man* fontent un *man* مَن واحد. On ne connaît pas dans l'Inde la méthode de mesurer les grains.—Not. et Ext. ann. p. 212

I see that Colonel Yule, in his "Cathay and the way thither" (Hakluyt Society) 11 458, has adopted the French estimate of the *man*, i. e. 28 78 lbs.

² A bushel of wheat is estimated to weigh 60 lbs. avoirdupois.—McCulloch, Com. Diet. p. 1397. Prinsep, with less exact data, made the bushel 80 lbs. avoirdupois.—Useful Tables, p. 113.

³ Eighteen specimens I have weighed in the B.M., ranging within the period of A. H. 655 and 717, vary to the extent of from 37 grains up to 63.

formulated. Whatever may have been the weight of the *muskāl proper* in various localities, in many cases the *dīnār* continued to be a *muskāl* pure and simple, and theory was ordinarily consistent in recognising the weight of the silver *dirham* as 7-10ths of the gold piece. Under this aspect we have to examine a new scale of proportions: the latest and most exhaustive authority, M Quicipo,¹ has fixed the actual weight of the representative Egyptian *muskāl* at 4.666 grammes, or 72.007 grains. This return will make the *dirham* equal to 50.405 grains, the *sir*=5174 grains, and the *man*=206,983 grains, or over 29 lbs. avoirdupois. The estimate formed by the French editors of Ibn Batutah,² in regard to that African traveller's independent comparisons of Dehli weights with those of the west, arrives at a closely approximate return. The *man* of Dehli is stated, on repeated occasions in the Arabic text, to be equivalent to 20 Barbary *ratls*, or 25 Egyptian *ratls*, and the former are fixed by the calculations of the modern commentators as corresponding to two-thirds of a French kilogramme of 15,432.35 grains troy, or $1\frac{1}{3}$ *ratls*=1 kilogramme, which makes the *man* equal to 28.78 lbs. avoirdupois.

¹ Don V Quicipo, in his *Essai sur les Systèmes Métriques et Monétaires des anciens peuples* (Paris, 1859), makes the Almoravide *danar*, theoretical weight, 3.960 grammes, general weight, 3.945 grammes. The Arabic *dīnār*, theoretical weight, 1.250 grammes, general weight, 1.228 grammes. The *muskāl* (Arabic) of Egypt, theoretical weight, 4.730 grammes, general weight, 4.666 grammes.

² W M C Dehémey and B R. Sanguetti. Paris edition (Société Asiatique) A.D. 1855.

Ibn Batutah tells us that the *man* of Dehli was equal to 20 *ratls* of Barbary
 ١١ من دهلبي و المَن الواحد منها خمسة وعشرون رطلاً مصريّة 74
 و المَن عشرون رطلاً معرّبة. ١٣ p. 430. والرطل الهندي عشرون رطلاً من
 ١١. 382 ارطال المعرب و خمسة وعشرون من ارطال مصر
 and again—١٤ والرطل الدهلي عشرون رطلاً معرّبة 210 p

I do not follow out in further detail these western comparisons, which are in a measure speculative, as I am satisfied to accept what may be termed the internal evidence as my test. Tried by this criterion, India at the present day furnishes a very complete series of *man* weights,¹ which all the incidental changes of time and the imperfectly preserved units of scattered localities have but very slightly removed from the standard testified to by the intelligent travellers of the middle of the eighth century of the Hijrah.

Any attempt to determine with precision the authoritative weight of the *man* or other measures of grain, must be associated with the crucial test of corroborative coin equivalents. From time immemorial, in India, coins had been, to all intents and purposes, *weights*; pieces of money, in our sense of the term, having grown out of the archaic use of sections of metal of a fixed and determinate gravity, following the popular form of small square or oblong plates of silver, designated by the appropriate name of *Parānas* (पराण "old"). But when these crude sections of metal, like the link of the

¹ The local *mans* approximating to this weight still in use in 1821 A.D. may be cited in alphabetical order

	lbs	oz	dr		lbs	oz	dr.
Anjar, Bhuj . . .	27	3	8	Madras	25	0	0
Anjengo, Travancore ..	28	0	0	Madurā	25	0	0
Bingalore ...	25	0	0	Mingalor	28	2	4
Belgaum	26	3	15	Negapatam	25	0	0
Bellary	25	6	0	Onor, in Canara	28	3	0
„ (<i>man</i> for cotton)	26	5	4	Ujjan	33	5	13
Bombay	28	0	0	Pondicherry	25	11	5½
Cauwa, Canara	26	0	0	Quilon, Travancore . . .	27	5	8
Canara, <i>ordinarily</i> . . .	28	0	0	Sankaridrug, Carnatic .	25	0	0
Cochin, Malabar . . .	27	2	11	Seringapatam—light .	24	1	8
Pana (<i>man</i> for metals)	27	9	9½	„ heavy..	33	15	12
Kotā, Ajmīr	30	0	0	Trichmopoly	25	0	0

—Prinsep's Useful Tables, p 115, and Mr W. H. Bayley's MS Notes.

knight's chain, passed into the more advanced grade of "coined money," they were still scrupulously made to contribute to the double purpose of measures of metallic value and officially recognized weights.¹ Their importance, in the latter capacity, consisting in their furnishing readily available tests of any disputed higher weights or measures, so liable to be tampered with by shopkeepers from all time and among all nations.² So completely was this their second mission accepted in the land, that in later days, under Sikandar bin Buhlöl (A. H. 854-894), the idea was conceived of extending the already mixed duties of the public coinage into a means of determining measures of length, so that the sufficiency of the cloth merchant's yard should be instantaneously checked by the very money of the customer in which he was to receive payment. The earlier phases of these imperfect schemes of exchange, when primitive peoples were first emancipating themselves from the inconveniences of crude barter, and replacing undefined handfuls by specific measures of weight, may be traced back to the first contact of the Aryans and the Indigènes, when the pastoral tribes of the former impinged upon the urban communities of the latter, whose civilization partook so largely of the Turanian element. There is internal evidence in the composite table of weights preserved in "the laws of Manu," of contributions from the independent resources of both races. Aryan thought, crudely developed at first, confined itself to the ever

¹ There is a special injunction in Manu, addressed to the King—"Let all weights and measure be well ascertained by him, and once in six months let him re-examine them"—Manu, viii 42

² 'Alā-ud-din had great trouble with this class of his subjects, and among the punishments awarded for short weights, we find a very distinct provision for the pound of flesh. "Whatever was found deficient" in the articles purchased was made up by "flesh equal to the deficiency," cut from the seller's "two cheeks" [buttocks].—Regulation 4, J. A. S. B. 1870, p. 39. *Eraser's Historians*, in 197

ready standard of barley—a grain they held in high honour, and beyond the cultivation of which their herdsmen do not seem to have progressed in the Vedic age.¹ As intelligence advanced, and the subtle faculties of the exotic mind were brought into play, the tendency was clearly towards infinitesimals, so that the cheeks and counter cheeks laid down are found to include every shade of variety of the produce of the soil that human ingenuity could set against each other.²

It was the duty of barley to testify against mustard-seed if the latter failed in its full maturity, mustard, in its coloured varieties, had to qualify the poundage of poppy-seed, which again had to go through the severe trial of being pitted against impalpable dust. Encouraged by these tangible minutiae, the Aryan Brahmins seem to have ventured upon the introduction of fanciful and purely imaginary quantities, so that measures of weight vanished into thin air (to an extent to defy the keenest modern Microscopist).³ But in all

¹ Wilson's *Rig Veda*, i pp vii, lvi, and iii. p. vi Max Muller (Chap. i p. 31) renders this as "corn," he does not say wheat. The adherence to reckoning by barley-coins is curiously shown in the later Vedic literature, where, in spite of the presence of the *ratī*, "the bar of gold" is defined "as of the size of three barley-corns"—Weber, *Zeitschrift*, xv (1861), 139. Prof. Weber further remarks that the term *masha* is not found at all in texts supposed to be Vedic.

² "MANU, viii. 131 Those names of copper, silver, and gold [weights] which are commonly used among men for the purpose of worldly business, I will now comprehensively explain. 132. The very small mote which may be discerned in a sunbeam passing through a lattice is the first of quantities, and men call it a *trasarānu*. 133. Eight of those *trasarānus* are supposed equal in weight to one minute poppy-seed (*akhyā*), three of those seeds are equal to one black mustard-seed (*śara śaśhapa*), and three of those last to a white mustard-seed (*gaurā-sarshapa*). 134. Six white mustard-seeds are equal to a middle-sized barley-corn (*yava*), three such barley-coins to one *liśhnala* [raktaka], five *liśhnalas* of gold are one *masha*" etc.

³ "MANU, YĀJÑAVALKYA, and NĀRADA, trace all weights from the least visible quantity, which they concur in naming *trasarānu* (वसरेणु), and describing as the very small mote which may be discerned in a sunbeam passing through 'a lattice.' Writers on medicine proceed a step further, and affirm that

cases of the more clearly defined weights of Manu, there seems to have been a serious intent and supposed power of proof by the test of seeds, balanced against other varieties of seed. The altered conditions of culture, and the uncertainty of the exact locality which furnished the data for ancient calculations, may deny us the power of reconstructing the general scheme; but there is no doubt that the early tables were designed to supply a normal and ever ready criterion by means of single or multiplied totals of indigenous grains, which from time immemorial had centered in the convenient goldsmith's *ratī*, which, though not exclusively Indian, was of such universal acceptance throughout the continent as to be essentially traditional; and it is from this starting point, or unit in the ascending scale, that the purely Indian weights proceed, each, in its turn again, following some readily accessible product of nature peculiar to the soil.

'Alá-ud-dín, as we have seen, was particular about his metric system, and probably the full force of ancient methods of reckoning still survived in the existing weights, so that some one description of current money ought so to fit in with and confirm the estimated amount of the *man* as to balance into even sums, or an approach thereto. Neither the 175

a *trasaśnu* contains 30 *paśandnu*, or atoms. They describe the *trasaśnu* in words of the same import with the definitions given by MANU, and they furnish another name for it, *śaśī*. According to them, 80 *vasas* make one *marīchi*, or sensible portion of light. Writers on medicine trace this weight (the *ratī*) from the smallest sensible quantity in another order:

30 *paśandnus*, or atoms = 1 *trasaśnu* or *vasas*
 80 *vasas* = 1 *marīchi*, or sensible quantity of light
 6 *marīchis* = 1 *rāgicā*, or black mustard-seed
 3 *rāgicās* = 1 *śaśāśapu*, or white mustard-seed
 8 *śaśāśapas* = 1 *yava*, or barley-corn.
 4 *yavas* = 1 *guyā* or *śaktīśā*

A *śaktīśā* is also said to be equal to 4 grams of rice in the husk."—Sir Wm Jones's Works, viii p. 870.

grain *tankahs* (the old *ṣataraktika*=100 *ratīs*), nor the newly-devised '*adatis* of 140 grains (80 *ratīs*), will divide into the equivalent number of grains now assigned to the *man*; but, strange to say, the ancient *purāṇas*, whose modern representatives abound in the coinage of the day, taken at the rate of 32 *ratīs*, or 56 grains, fill in the exact sum of 201,600 grains, without even the break of a fraction, either in the totals of the *śr* or the *man*. 90 *purāṇas* represent the *śr*, and 3,600 give the measure of the *man*. The *ratīs*, however, in either case are uneven, viz., 2880 and 115200, but this fact need not disturb the result, as the *ratīs* in the higher measures of produce, as in the *Ghī* table, I shall have occasion to quote hereafter from the *Jyotiṣha*, run into all sorts of irregular totals.

It may freely be conceded that this intervention of nines and twelves is opposed to the scale of multiples in the *quasi* Turanian division of the Tables of Manu, where the dominant idea among the tangible weights is confined to fours and tens, culminating in three hundred and twenties and three thousand two hundreds; but if another section of the evidence is examined, it will be found that these 56-grain coins do not themselves accord with the theoretical scheme of the associate currency of the first half of the eighth century A.H. This is a question which will have to be treated more at large later in our inquiry, but it is adverted to in this place as it has an important bearing upon the point immediately at issue. On the other hand, if we examine the Tables of Manu in their lower or fanciful divisions, the mystic threes and ordinary sixes are found to be sufficiently frequent, from which figures alone we might infer that the Aryans had originated this portion of the combined table of weights.

From whatever source derived, India is seen to have achieved, in very archaic periods,¹ either out of her marked indigenous aptitudes, or her frequent chances of exotic inspiration, a very comprehensive system of weights and measures, extending to the elaboration of a binary Troy scheme,² associated with all the essentials of an independent Avoirdupois theory, which, perhaps wisely, avoided any recognition of measures of capacity.

'Alá-ud-dín Muhammad Sháh.

No 130. (Marsden, *noct*). *Gold*³ Weights, 168 6, 169 5, and 166 grs. *Déhlí*, *а н.* 704, 709, 711

Circular area	The legend occupies the full
سكدر الشابي	face of the coin
يمهن الخلافة ناصر	السلطان
امسر المومنين	علا الدسا والسدين
	ابوالمظفر محمد شاه
	السلطان

ضرب هذه السكة بخصر دهلí فى سنة سبع وسعمائة—Margm

¹ The age of Manu is undetermined. Wilson attributes portions of the work to 800 B.C. (Translation, *Rig Veda*, i p. xlvii). M. Vivien de St. Martin says, "la période des temps héroïques," i.e. 13th and 12th centuries B.C. (*Étude de Paris*, 1859, and *Revue Germanique*, 1861, p. 80). Max Müller (*Sanskrit Literature*, pp. 61-133, and his *Letter in Moirley's Digest*, p. cxcvii). Prof. Cowell prefers "3rd century B.C.," but adds that it was "undoubtedly composed from older documents" (*Elphinstone's India*, p. 249). The *Jyotisha* Table, which is given at full in the general summary of Muhammad bin Tughlak's coin weights, is also supposed to date some centuries B.C. (*Über den Veda Kalendar*, Namen *Jyotisham*, von A. Weber. Berlin, 1862).

² There were separate tables for gold and silver.

³ Prinsep's assay of these gold pieces gives a return of *touch* or pure gold in 100 parts of 94.2. Jalál-ud-dín (Firáz)'s gold is placed at 94.6, while Akbar's average mounts up to 100. 100.—Useful Tables, ii. 50.

No. 131. *Gold Variety.* (Small thick coin, pale gold)

Weight, 158 grs. Size, $\frac{1}{4}$, or 0.71 inch diameter B.M.

Legends as in the Metropolitan piece, but the Persian characters follow a different system of writing, and are very imperfectly defined. These coins seem to have been direct re-mintages of the southern gold *kuns*, without any attempt at refining the metal up to the higher Dehli standard¹. They furnish, in short, another instance of the facilities of the rough system of converting plunder into camp currencies on the instant.

I am indebted to Sir Walter Elliot, S.I., for the following note upon the southern "stars," the palpable plunder of the south.—

"I do not think the 'Akhtar Zau' can refer to the Star pagoda, which had a very limited range, being confined to the province of Arcot, and appearing after the fall of the last of the independent Hindu kingdoms, when every petty Zamindar began to exercise the privilege of coining money.

"The currency of the Dakhan seems always to have been gold under the Hindus. The standard was the *kun* (in Pravidian, *hon*, *pon*), but the circulation was carried on chiefly by means of its fractional parts, the *panam* or *fanam*, as is the case in Travancore—the only existing normal Hindu state—to this day. There, the dealings of the bazar and the collection of the revenue are all made in *fanams*, but as the labour and trouble of reckoning large sums in such a shape would be intolerable, the cashiers and *serdafs* are pro-

¹ "By the attention of his Majesty (Akbar Sháh), gold and silver are refined to the highest degree of purity. The highest degree of purity is called in Persian *dahdahi*, but they do not know above *ten* degrees of fineness, whilst in India it is called *dasahani*, as they have *twelve* degrees. Formerly the old *kun*, which is a gold coin current in the Dakhan, was thought to be pure, and reckoned at ten degrees, but his Majesty has now fixed it at $8\frac{1}{2}$ and the round, small gold dinár of 'Alá-ud-dín, which was considered to be 12 degrees, now turns out to be $10\frac{1}{2}$."—*Ain-i-Akbari*, Blochmann, p. 18.

vided with wooden boards, the surface of which is studded with 100 or 1000 cavities, the exact size of a *fanam*, which they plunge into the heap of coin, and by a little manual dexterity, take up the exact sum and throw it aside

"In early times, not only the *fanam*, but the half and quarter *fanams* were in use I have specimens of all of these, bearing the impress of the Chalukya boar, the Pandyan fish, and other effigies of dates far anterior to the Star pagodas There seems little doubt, therefore, that *الخزير* refers to the sacks of *fanams* which Malik Kafūr brought from the south and poured out before the admiring eyes of the king of Dehli, and which the historian has aptly described as showers of "golden stars" Some of the halves and quarters are just like little scales of gold, and a stream of them issuing from the bag in which they were kept would sparkle as they fell. The ancient coins are thinner and finer than the more recent examples.¹

"When the Dewānī of the southern districts first came into our hands, at the beginning of the century, the revenue was all collected in *fanams*"

¹ The average weight of the gold *fanam* is 6 grains, of the half *fanam* 3 grains, and the quarter 1½ grains

Tested weights of the gold *fanam*, half and quarter *fanams* of S India

Three Buddhist *fanams*, with the impress of a lion and sword grs aver grs
(Numismatic Glossary, Madras Journal, No I. fig 38) 19 8 = 6 6

One ditto, half ditto, with lion only (Num Gl I 39)..... .. 2 9

Two Chalukya *fanams*, with the boar (Num Gl II. 6-9) 12 6 = 6 3

One ditto, quarter ditto (Num Gl II 10) 1 5

One ditto, ditto 1 35

Two Chola *fanams* 15 = 7 5

Two ditto, half ditto 6 6 = 3 3

One Chera *fanam*, with elephant 6

Two Pandyan ditto, with fish 12 3 = 6 15

Two ditto, ditto, with different type.. 12 7 = 6 35

Two *fanams*, with a fish and monkey 11 4 = 7 2

One ditto, ditto, a little different 6 8

One quarter ditto, fish and monkey type 1 4

Six Velanāti *fanams*, of more recent date, probably of the

Byanagar Rāj..... .. 35 3 = 5 883

Four Bahādūrī *fanams*, coined by Haidar Ali, ruler of Mysor,

at the Ikern mint 22 8 = 5 7

No 132 (pl in fig 57; Marsden, *num*) *Silver*. Weight, up to 168 grs Common.¹ *Dehli*. Dates observed, A.H. 695, 698, 699, 702, 703, 704, 705, 706, 708, 709, 710, 711, 712, 713, 714, and 715

Legends similar to those on the gold currency. Areas as usual in the silver money, with a broad margin on the Reverse, as follows:—

فرب هذه السنة بحضرة دهلى في سنة انسى عشر وسعمائة

No 133 *Silver* coins similar to No 132, but struck at دارالاسلام (*Dehli* ²) in A.H. 703, 705, 706, 708, 710, 713, 714. Weight, 166 grs

No. 134 (*Gold*. B.M. A.H. 711) Similar coins, in silver, minted at دهلي ديوكسر *Deogir*,³ in A.H. 714. Weight, 167 grs.

These coins are remarkable, as affording the earliest specimens available of the Muhammadan coinage of the lately conquered city of Deogir, a capital so peculiarly identified with the history of 'Alā-ud-dīn's early rise and eventual accession to sovereignty.

The year 711 impressed upon one of the pieces under review offers a date but little removed from the epoch of Nāib Kāfūr's more comprehensive subjection of the central Indian provinces, of which Deogir then constituted the metropolis.

¹ Alā-ud-dīn Muhammad Shāh seems to have coined money enough for many future generations, inasmuch as we find that on Timur's conquest of Delhi, in A.H. 801, among other plunder specified "vessels of gold and silver, and money without count, on which was the impression of 'Alā-ud-dīn Khiljī," Zafar Nāmah of Sherī-ud-dīn 'Alī Yezdī (A.D. 1424)—Translation by Captain Hollings in the *Delhi Archaeological Society's Journal* (1852), p. 22.

² Ibn Batūtah, iii. 261 دارالحلافة.

³ Now Daulatabad, in the Dakhan. Lat 19° 57', long 75° 18'.—Hamilton's *Hindustān*, ii. 147 The old name was Tagara See also more full notes under Muhammad Tughlak's mint cities.

No. 135 (pl. iii. fig 59). Silver and copper Weight, 55.7 grs.
 Dates, 703, 703, 704, 705, 711, 712, 713, 714, 715.

Obverse—السلطان الاعظم علاءالدین و الدين

Reverse—أبو المظفر محمد شاه السلطان ۷۰۳

No 136 (pl. iii. fig 60). Copper Weight, 55.1 grs. Dates, 699,
 700, 701, 702, 703, 704, 705, 707, 708, 709, 710, 711.

Obverse—السلطان الاعظم علاءالدین و الدين

Reverse { Area—محمد شاه
 Margin—श्रीः सलतां अलावद्दीं ७१०
Style Sultan Alauddin, 710.

The coins, Nos. 135 and 136, are noticeable, as offering the first instance in the present series of the general use of Arabic numerals in recording dates, it having been hitherto the custom to write the numbers in the full length of their respective Semitic denominations.

No 137. Copper Weight, 67 grs

Obverse—السلطان الاعظم

Reverse—علاءالدین و الدين

No 138. Copper. Weight, 23 grs.

Obverse—عدل محمد شاه

Reverse—بحضرت دهلي

O. (Specimen) Inscription of 'Alá-ud-dín Muhammad Sháh, on the arches at the Kutb, dated 10th Shaw'al, A.H. 710.¹

حصرت علما خدایگان سلاطین مصطفی جاء الصانع الامر الله
 المنصوص بعبادت اکرم الاکرمین علا الدبا و الدین غوث الاسلام و
 المسلمین عز الملوک و السلاطین الغایم بنائد الرحمن ابو المظفر
 محمد شاه السلطان سکندر ثانی یمن الخلافة ناصر امیر المومنین
 خلد الله ملکه بنا این خمرات سنت و جماعت است عمارت
 فرمود

Mir Khusru gives us the following account of the edifices erected and repaired by the Sultán 'Alá-ud-dín.—

“The Sultán determined upon adding to and completing the Masjid Jám'í of Shams-ud-dín, ‘by building beyond the three old gates and courts a fourth, with lofty pillars,’ ‘and upon the surface of the stones he engraved the verses of the Kurán in such a manner as could not be done even on wood, ascending so high that you would think the Kurán was going up to heaven, and again descending, in another line, so low that you would think it was coming down from heaven. When the whole work was complete from top to bottom, he built other masjids in the city, so strong that if the nine-vaulted and thousand-eyed heavens were to fall, as they will, in the universe-quake, on the day of resurrection, an arch of them would not be broken. He also repaired the old masjids, of which the walls were broken, or inclining, or of which the roof and dome had fallen. He then resolved to make a pair to the lofty minár of the Jám'a'í Masjid, which minár was then the single celebrated one of the time, and to raise it so high that it could not be exceeded. He first directed that the area of the square before the masjid should be increased, that there might be ample room for the followers of Islám. He ordered the circumference of the new minár to be made

¹ See Vignette, p 156, *supra*, and Syud Ahmad's work, pp. 21, 27, 58, etc.

double that of the old one, and to make it higher in the same proportion, and directed that a new casing and cupola should be added to the old one.' The stones were dug out from the hulls, and the temples of the infidels were demolished to furnish a supply. He also ordered repairs to be made to all the other masjids and forts throughout the kingdom. As the tank of Shams-ud-din was occasionally dry, 'Alá-ud-din cleaned it out and repaired it, and erected a dome in the middle of it"—Elliot's *Historians*

Further accounts of Alá-ud-din's completion of the city of Sirí are to be found in Zíá Barni; *Journal As Soc. Bengal*, 1870, p. 22, and notices of the buildings at Dehli are also given in Mír Khusrú's other work, the *Kirán us S'adain*, Lucknow edition, p. 22, *et seq*

In speaking of the Mosque (at the Kutb) Ibn Batutah states—

"L'emplacement de cette mosquée était un boud-khánah, c'est-à-dire un temple d'idoles; mais, après la conquête de Dihly, il fut converti en mosquée. Dans la cour septentrionale de la mosquée, se trouve le minaret, qui n'a pas son pareil dans toutes les contrées musulmanes. . . le Sultan Kotlib eddin [read 'Alá-ud-din] voulut bâtir, dans la cour occidentale, un minaret encore plus grand, il en construisit environ le tiers, et mourut avant de l'avoir achevé. le Sultan Kotlib ['Alá] eddin avait formé aussi le projet de bâtir une mosquée cathédrale à Siry, surnommé le séjour du Khalifat (دارالخلافة), mais il n'en termina que le mur faisant face à la Mecque, et le mihrab"—Paris edition, iii 152

COINS OF THE MOGHUL INVADERS

As the leading object of those human locusts, the Moghuls, in their expeditions over the more civilized divisions of Asia, was mere plunder,¹ it was seldom that they left

¹ Bábar's Memoirs (Erskine), 69

any record of their raids over the devoted lands beyond the devastation which marked their track. In the case of Khwájah Kutlugh, however, who pushed his forces up to the walls of Dehli, in 697-8 A.H.,¹ to be defeated ignominiously at last by Alá-ud-dín Muḥammad Sháh, the horde over which he ruled seem to have contemplated a more permanent occupancy of Southern soil, and to have established temporary head-quarters at Ghazní: here, and in less permanent camps, they put forth copper money, of which the following are specimens. In addition to these coins, with Persian legends, there are others of similar type and fabric, bearing Mongol characters, amid which the name of *Argún*² (A.H. 683-690) can be distinguished, and which associate themselves with the former currency by similarly placed *Tumghas*, in the form of crude outlines of तै?, and more directly with India, in the use of a coarse type of Devanagari letters on the margin

No. 139. Copper. (My cabinet) *Ghazní*.

ضرب	Small circular centre
في بلد غر	³ 𐰽
هـ	<i>Margin—</i>
	سکه بنام قتلخ خواجه

¹ Ferishtah, Bugghs, i 329, Zia-i-Barni, p. 259, Calcutta text, J. A. S. Bengal, 1869, p. 199, and 1876, p. 43, D'Olivson, n. 520, Price, ii 616, De Guignes, iii 270, Elphinstone's India, 391. A plan of 'Alá-ud-dín's intrenchment, on the occasion of Tumgha's investment of Dehli, in A. H. 703, is engraved, in illustration of Mr. Campbell's article, in the Jour. As. Soc. Bengal, 1866, p. 217.

² Argún, who held Persia and the proximate lands, is spoken of by Marco Polo as "King of India," cap. i. § 5.

³ A Tibetan 𐰽 = 𐰽 *chh*

⁴ The Bombay lithographed edition of *Wusúf* gives the correct pronunciation of the name as قتلخ خواجه شیزاده پسر تولا. The father's name is properly *Díd*

No. 140. Copper. (Col Stacey's collection Museum of the Asiatic Society of Bengal.)

من
خواجہ
سکہ

Small circular centre

عدلی

ضرب . . . اس—Margin

FIFTEENTH KING (A.H. 715; A.D. 1315).

The Eunuch Malik Náib Káfúr, the *Hazár Dmári* of early days, when that sum had been recently paid for him, whom we have seen perfidiously watching the failing strength, if not accelerating the end of 'Alá-ud-dín, now proceeded to carry out his schemes with less reserve; setting aside unhesitatingly those who were fit to reign, even to the exclusion of the publicly installed heir Khizr Khán,¹ he selected as his puppet

¹ This young prince's name is held in pleasant remembrance in the land in connexion with one of the few bits of sentiment the age has left on record. At a time when the rude Turks had given place to the more assimilative Khuljis, who were slowly domesticating themselves in their new home, and in their bolder raids into the depths of the south imperceptibly becoming Indianised, discovering in their progress that there existed a very archaic local nobility, whose chivalry they might well admire, they were led to seek for alliances with the daughters of these ancient houses. In the present instance, a damsel of gentle blood and great repute for beauty, the daughter of the Rájá of Guzarát, named *Dev al Devi*, on whose behalf amies had already been set in motion, was captured, by hazard, with all her escort and conveyed to Delhi, where her own mother, *Kamala Devi*, by a similar chance, was found established as the favoured wife in the Imperial Palace. In such proximity no wonder that the young heir apparent appreciated her charms, and was finally permitted to marry her in all form. The tale of their loves has been made the subject of a Persian poem, of 4,200 verses, the produce

a child, who was placed on the throne, under the title of Shaháb-ud-dín 'Umar. Affairs seemed to be promising for the hero of so many southern campaigns, who had brought more plunder into the imperial treasury than even his most acquisitive master, when his own career was unexpectedly brought to a close by the swords of some *Páṭhāns*,¹ thirty-seven days after the death of 'Alá-ud-dín. In the meantime, as the rightful successor had been deprived of sight by Káfúr, another brother of seventeen, by name Mubárak, was placed in the position of Regent for the youthful Sultán; but he did not long delay the almost inevitable consummation of a transfer of the crown to his own brow, and 'Umar's capacity to reign was determined for ever by the destruction of his eyes in his prison at Gwalior.

No 141 (pl. iii. fig. 63) Silver and copper. Weight, 54.5 grs

Very rare. ۱۱۷۱۵

ابو المظفر	السلطان الا
عمر شاد	عظم شهاب الد
السلطان	سباز الدين
۷۱۵	

of the prolific pen of Mīn Khusrū (715 A.H.), entitled قصهٔ خضر خان و دول رانی "The Story of Khizr Khān and Dewal Rānī" (Spranger's Catalogue of Oude MSS. p. 470). The interest in her tale is, however, sadly shaken by her after fate—the penalty of her beauty—as the enforced wife of two succeeding Sultāns, one the brother and murderer of her husband, the other the fool Pariah, the Usurper, Khusrū, against whom her proud Rājput blood must, indeed, have risen.

¹ Hindūstān Local Infantry. The *Pyke* of our early wars, and Militia, later in the day, in Cutlack.

SIXTEENTH KING (A.H. 716-720; A.D. 1316-1320).¹

Of all the dangers that beset an Eastern throne, in latitudes like Dehli, none are more fatal to youthful monarchs than the free license of indulgence inseparable from despotism. In a country where morals were confessedly lax, and sensualism was elevated into a study, if not a science; where the enforced idleness of the mid-day hours was eminently suggestive to southern blood, nurtured under a religion which demanded but few denials, and where kings, in their degree, claimed to be khalifs; no wonder that these spiritual superiors sought to anticipate the imagined rewards of the Turk's paradise,² amid the living Houries of the lower world. These, and the coarser vices which descended to odious practices and obscene outrages upon decency, may well be left for us behind the screen of the walls of an Eastern Harem. It is sufficient to say that while the Sultán occupied himself with every variety of degrading debauchery, all power in the State was surrendered to a *Hindú*, who had been elevated, in the first act of the reign, to the style and title of *Khusru*

¹ Zia Barri dates the accession of Kutb-ud-din Mubáruk in A.H. 717 (text, p. 381), but the Editors, very properly, correct this on the authority of Mú Khusru's work. the *تاریخ*, into 716. The *Tárikh Mubáruk Sháhí* fixes the date, with apparent precision, to the 20th Muharram, 716 A.H. The *Tabakát Akbari*, Budaoni, and Feishtah, all follow Zia Barri's error.

² Cap. LV "Revealed at Mecca. They shall repose on couches, the hangings whereof shall be of thick silk, etc. . . . Therein [in the garden of heaven] shall receive these beautiful damsels, refraining their eyes from beholding any besides their spouses whom no man shall have deflowered before them. Therein shall be agreeable and beautiful damsels having fine black eyes, and kept in pavilions from public view. Whom no man shall have deflowered, before their destined spouses, nor any genus [جن]"—Cap. LVI "Revealed at Mecca. And these shall accompany them fair damsels having large black eyes, resembling pearls hidden in their shells: as a reward for that which they shall have wrought . . . and they shall repose themselves on lofty beds. Verily we have created the damsels of paradise by a peculiar creation . . . for the delight of the companions of the right hand"—Sale's Koran, edit. 1764. See also cap. 77.

Khán, and who imitated and emulated both the successes of Káfúr in the south, and his mastery over the reigning monarch, till, in the end, he personally superintended the murder of his patron, within the private apartments of the palace, and, amid an indiscriminate slaughter of all possible adherents of the old Muhammadan dynasty, ascended the steps of the newly vacated throne.

The public incidents of the reign are comparatively unimportant. No Mughals harassed the soil, no famines afflicted the people, but the quiet and prosperity of the land, reflected in the luxury of the capital, excites the regrets of the contemporary historian, who pathetically adverts to the enhanced price of slaves of all degrees and denominations, and the inconvenient average advance of 25 per cent. upon the rates of provisions previously established by royal edict.

Kutb-ud-dín Mubárah Sháh

No 112. Gold Weight, 169.5 grs Colonel Guthrie's collection
Square pure *Kutbábád*, A. D. 713, 719, 720.



Square area.

السلطان اس

السلطان الوثق

بالله امر المؤمنين



Entire surface

الامام الاعظم

خلفه رت العالمين

قطب الدسا والدين

ابو المطهر باركشاد

Margin—

ضرب هذه السكه بقلعه قطب اباد في سنه ثمان عشرو سبعماية

Only three specimens in gold are known—Frøhn Num. Kuf. p. 81, pl. xxi., A.H. 720; Sir T. Metcalf's collection, A.H. 719; Prinsep's collection, B.M.

This coin presents us with the name of a new place of mintage. We have no direct means of ascertaining the locality indicated by the designation of *Kutbābād*. This, however, is the less a subject of regret, as there seems good reason to suppose that the term was only momentarily applied to that portion of the many-cited Dehli, which had the honour of constituting the immediate residence of Mubārak Shāh.

No 143 (pl. iii. fig. 64). Weight, 170 grs.

Circular piece. DEHLI, A.H. 716, 717.

اسمدر الزمان	السلطان الاعظم
يمين الخلفه ناصر	قطب الدنيا والدين
امير المؤمنين	ابو المطفر مبارکشاه
	السلطان بن السلطان

Margin—

ضرب هذه القطعة بحضرة دهلي في سنة سبع وعشرين وسبع مائة

No 144 Silver. Circular piece. *Dār ul Khilāfat*, A.H. 717

Legends similar to those on the square piece of 718, No. 145, *infra*.

No 145 (pl. iii. fig. 65) Silver Weight, 169 grs.

Square piece. *Dār ul Khilāfat*, A.H. 718, 719

Area	
السلطان ابن	الامام الاعظم
السلطان الواتق	خليفة رب العالمين
بالله امير المؤمنين	قطب الدنيا والدين
	ابو المطفر مبارکشاه

Margin—

ضرب هذه السكة بحضرة دار الخلافة في سنة ثمان وعشرين وسبع مائة

No. 146. New variety. Silver. Weight, 168 grs. Col Guthrie.

Square piece. Dār ul Khilāfat, A. H. 717.

Area.	
مباركشاه السلطان	الامام الاعظم
ابن السلطان الوائى	نظام الدنيا والدين
بالله امير المؤمنين	ابو المظفر خلعته الله

Margin—

غرب هذذ الصة بحصرة دارالحلافة في سنة سبع و سبعمائة

Whatever 'Alá-ud-dín's designs in regard to new systems of religion may have amounted to, it remained to his son to disavow entirely the spiritual supremacy of all other Khalifs and successors of Khalifs, and to appropriate that title to himself. This is evidenced in coins, Nos. 142, 144, 145, 146, which display a simultaneous change from the comparatively humble epithet of "Right hand of the Khalifat," etc, in conjunction with the marginal record of "Struck at the capital, Dehli," to be found on the early coinage of the reign (No. 143), to the assumption of the style and title of "The most mighty Inám, Commander of the Faithful," as introductory to his own self-assumed sacerdotal designation of Al Wásik Billah, accompanied by a marginal legend, showing that Dehli in this change had arrived at the honours of a second Baghdad.

This arrogation of hierarchical honours is still more clearly developed on the legends of the coins of the year 718, wherein Mubárak calls himself "Supreme Pontiff," "*Khulí-fah* of the God of heaven and earth." So that while this eccentric young man was parading himself in female costume, to the scandal of all beholders, when the fit was on him; at

other moments he was devoting himself to superintending the dogmas of Islām, and erecting mosques with a pious zeal worthy of a better cause and more consistent teaching.¹

No 147 Silver and copper Weight, 55 grs. A.H. 716.
New variety. Unique Mr E C Bayley's collection.

Obverse—السلطان الاعظم قطب الدنيا والدين

Reverse—٧١٦ ابو المظفر مبارك شاه السلطان

No 148 Silver and copper. Weight, 55 grs.
A.H. 716, 717. Rare.

Obverse—السلطان الاعظم قطب الدنيا والدين

Reverse—٧١٦ مبارکشاه السلطان بن السلطان

No. 149 (pl. m. fig 67). Silver and copper. Weight, 55 grs.
A.H. 717, 718, 719, 720.

Obverse—٧١٧ الامام الاعظم قطب الدنيا والدين

Reverse—ابو المظفر مبارکشاه السلطان بن السلطان

No 150 (pl. iii fig 68). Silver and copper Weight, 55 grs.
A.H. 717, 718.

Obverse—٧١٧ خلقه رب العالمين قطب الدنيا والدين ابو المظفر

Reverse—مبارکشاه السلطان ابن السلطان الوافي بالله امر المؤمنين

151 Silver Weight, 55 grs Square A.H. 718, 719, 720

Obverse { قطب الدنيا والدين
Square area,
ابو المظفر خلقه الله
Margin,

Reverse—مبارکشاه السلطان ابن السلطان

¹ Ferishtah says he built a mosque at Deogir, "which still remains"—Briggs.
1 389 He also appears to have completed the Makbarrah of 'Alā-ud-din, with its Mosque and Madrasah, in 717 A.H.—Syud Ahmad, p. 27.

No. 151a. A similar coin of mine, dated in A.H. 719, containing a large proportion of silver, weighs no less than 80·5 grains.

No. 152. Silver and copper. Weight, 56 grs.
Square. A.H. 720.

Obverse—Same legend as No. 149.

Reverse—خليفة الله مبارکشاه السلطان ابن السلطان ٧٢٠

No. 153 (pl. iii. fig. 71). Copper. Square. Weight, 66 grs.

Obverse—الامام الاعظم

Reverse—قطب الدسا و الدين

No. 154. Copper. Square. Weight, 33 grs.

Obverse—عدل مبارکشاه

Reverse—بحصر دار الخلافة

SEVENTEENTH KING (A.H. 720; A.D. 1320).

The leading point of interest, in the historical sense, of the present reign, is the sudden and unanticipated re-establishment of Hindú supremacy and the temporary degradation of Muslim prestige. Had the fortuitous representative of the ancient faith been a man of higher status and less objectionable antecedents, the subsequent chronicles of the land might have had to be differently told. If any member of the many royal races, who preserved their tribal integrity in defiance of foreign conquest, and who were already silently reassert-

ing their place and position against the diluted nationality of the Imperial Court,—if any such had initiated or been commissioned to lead a crusade for the recovery of India for the Indians, the followers of the Prophet might, perchance, have had to recede within the proper limits of Semitic Islām, now inconveniently placed behind the line those odious Mughals had drawn between Hindústān and the western world. As it was, the unclean *Pārah*,¹ the favoured minion of the departed king, while outraging the new creed he pretended to have adopted, and needlessly offending the one class of supporters of the throne, whom the gold of the Dakhan had often won before, was unable to pretend to association with the high caste Hindú Rájās, whose resources and courage might, at this moment, have proved equal to the restitution of the ancient landmarks, could they but have accepted, as of old, a single prominent leader, to be *Mahārāja Adhūrāja* of the scattered kingdoms and principalities which had latterly lost somewhat of their early facility of agglomeration. The Muhammadan biographer of the day is almost pathetic in his horror of *Kurāns* desecrated and used as seats, and pulpits degraded into pedestals for Hindú idols; or the equally grave offence, in the eyes of the faithful, of Khushu's

¹ پرواری, परवारी, 'an individual of low caste, chiefly employed as village watchmen, gatekeepers, porters, etc. Of the three terms for this people—परवारी, घेड, सहार, "the first is a courteous or conciliating term, the second is a term of reviling, the third a mere appellative without implication." Molesworth's *Marathi Dictionary*. "The *Purwari* is a Hindoo outcast, who eats flesh of all kinds, and is deemed so unclean as not to be admitted to build a house within the town."—Buggs, *Ferishtah*, i p. 387, note

Captain Giant Duff, in enumerating the divisions of castes and trades of the normal village system in the Dakhan, speaks of the *Mhas* or *Dher* as the very lowest order of Shunkrajatee except the *Mang*, . . . the *Mangs* are not so intelligent as the *Mhas*, . . . both the one and the other . . . are exceeding filthy in many respects."—*History of the Mahrattas*, London, 1826, p. 31.

taking to wife the Hindú Princess *Dewal Déli*, the widow of the late Sultán, and the coincident distribution of other Muhammadan women to Idolatrous masters. Amid all these overt acts, the Usurper seems to have outwardly professed Islám, he styles himself *Nasir-ul-din*, "Defender of the Faith," *Wali Amír al Múminin*; but whether he refers in this term to the late Sultán or to some imaginary "Commander of the Faithful," is not clear; and his titles were repeated in the public prayer with as much formality as if he had been a most orthodox believer.

For the rest, the incidents of his reign are soon told. We have the usual attempt at exterminating all the adherents of the late monarch, profuse distribution of gold, and no effort spared to attach the influential nobles of the old Court. Among the rest, Fakhr-ud-dín *Jinú*, the son of Gházi beg Tughlak, Governor of Daibalpúr, who chanced to have remained in Dehli, seems to have been either bought over or intimidated, until he had an opportunity of escaping and joining his father, who, supported by the Governor of U'chh, defeated the army of Dehli sent against him, and finally advancing upon the capital, secured an easy victory over the forces of Khusru, who fled ignominiously from the field only to be dragged out of his place of concealment and beheaded.¹

No 155 (pl. iii fig. 73) Silver. Weight, 145 grs *Unquo*. A H 720
(Original coin, in the Stacy collection, Asiatic Society of Bengal)
Coarsely finished piece, in apparently inferior metal.

¹ The *Taukh Mubínak Sháhí* fixes the date of Khusru's accession as 5th of Rabí'ul awwal, A H 721, and assigns him a reign of four months and some days. The exact date of his execution is not given, but Tughlak Sháh is stated to have been enthroned early in Shabán, 721 A H. Ferishtah has the 1st Shabán.

Centie.	
خسرو ساد السلطان	السلطان الاعظم
الوانق خسرو الرحمن	ناصر الدسا والدين
ولى امير المؤمنين	انوار المطهر

ضرب هذه الفس . . . عشرين و سعمائة *Margin*

No 156 (pl iii. fig 74) Silver and copper Weight, 55.7 grs
Rare

Centie.	
خسرو شاه	السلطان الا
	عظم ناصر الدسا
<i>Margin</i> —	
السلطان ولى امير المؤمنين	والدين

EIGHTEENTH KING (A.H. 720-725; A.D. 1320-1325).

Ghází Beg Tughlak, by birth a *Karaimiah* Türk,¹ from a very humble start in life, was glad to take service as a private soldier under Ulugh Khán, the brother of 'Alá-ud-dín

¹ مَرُونِيَّة. Ibn Batutah, in p 201 "Tures connus sous le nom *Karaimiah*, et qui habitent dans les montagnes situées entre le Sind et le pays des Tures." See also Lee, p. 125. Marco Polo's account of this tribe is that their Tatars sires followed Nagodar, the nephew of Zagatai, and settled in these parts, "these being men of a light complexion, mixing with the dark Indian women, produced the race to whom the appellation of *Karaimas* is given, signifying, in the language of the country, a mixed breed, and these are the people who have since been in the practice of committing depredations not only in the country of Reo-

Khiljí; his courage and capacity, however, speedily won him a general's baton, and we find him promoted in the early days of Kutb-ud-dín Mubárak to the important frontier command of Daibálpúr, as Lord of the Marches destined to receive the first shock of the dreaded Mughals. From this position, his victorious advance upon Dohli, and final defeat of Khusru, left him almost without a competitor for the vacant throne, which, with some possibly feigned reserve, he was finally induced to accept. His rule was inaugurated by wise regulations, tending to the relief and well-being of the cultivators of the soil, whose importance in the body politic was now beginning to dawn upon the Muslim mind; indeed, the Hindú subjects were gradually reasserting their proper position in the social scale, in defiance of the prejudices of their now partially naturalized foreign rulers. This, however, did not in any way interfere with the habitual raids to the south, which seem to have been looked upon as a necessary departmental section of the administration of the empire. The heir apparent, Fakhr-ud-dín Júná, now designated as *Ulagh Khán*, was entrusted with this command, the Military Vicerealty of the Dakhan, and started for Warangol on his first expedition in A.H. 721. Almost his earliest thoughts in this independent position savoured of

barbe (Rudbát) but in every other country to which they have access." Marsden (1818), pp. 87, 90, Bohn's edition, p. 60, D'Oleson, iv 46, Ouseley, Oriental Geography, p. 140, Shemf-ud-dín's Timur Bee, c. xlv., Pottinger, pp. 58, 139, Ferriar, Caravan Journeys, 1857, pp. 113, 431

Shams-i-Siráj 'Afif mentions in his *Taukh Firáz Sháhi* that he has given a full account of the parentage of Tughlak Sháh in his *Manákib-i-Sultán Tughlak*. No copies of this work have been discovered —Elliot's *Historians*, iii. p. 271.

The *Khulásat al Tawárikh* speaks of a tradition that his mother was a Jatni of the Punjab

پدر سلطان ترك تراز نام تعلی از غلامان سلطان غمات
الدین بلبن و مادر او از قوم حٹ پنجاب بود

treason to his sire.¹ Warangol was invested, and on the point of surrendering, when certain parties to the immature conspiracy lost heart and separated themselves from the Muhammadan camp, which left Ulugh Khán no resource but a hasty and calamitous retreat to Deogir, from whence he succeeded in effectually blinding his father as to his real designs, by supplying him with a sufficient number of minor victims for his vengeance. The second invasion of the south was more successful, Bidr and Warangol were captured, and Laddar Déo, with his elephants and treasures, wives and children, was sent to the Sultán at Dehli, and the Hindú name of Warangol was obliterated for a short period in the new designation of Sultánpúr.

In 724 A.H. the Sultán proceeded in person to Bengal, where he received the submission of Shaháb-ud-dín *Bughrah Sháh*,² and carried the turbulent *Bahádúr Sháh*, King of

¹ This is Ibn Batutah's account (ii. 208). Zia Barri took the damaging fact under general details.

² I have already adverted to Zia Barri's mistakes in regard to the individual monarch then reigning in Bengal: the original error may very well have arisen from the similarity of the names of the grandfather and grandson. I append, without further comment, the passage in question as translated by Professor Dowson: "When the Sultán reached Tuhut, the ruler of Lakhnauti, Sultán Násir-ud-din, came forth with great respect to pay homage to the Sultán, and without the sword being called into requisition, all the *Rais* and *Ranys* of the country made their submission. Táká Khán, foster-son (*piran* & *lhuánda*) of the Sultán, held the territory of Zafarabad, and a force having been assigned to him, he brought the whole country under the imperial rule. Bahádúr Sháh, the ruler of Sunáir-gánw made some resistance, but a cord was thrown upon his neck, and he was conducted to the Sultán. All the elephants of the country were sent to the royal stables, and the army acquired great spoil in the campaign. Sultán Násir-ud-din had shown great respect and submission, so the Sultán gave him a canopy and a baton, sent him back, and placed Lakhnauti under his rule. Bahádúr Sháh, the ruler of Sunáir-gánw, was sent to Dehli with a rope round his neck, and the Sultán returned towards his capital triumphant. . . ."—*Elliot's History*, iii. 234.

Eastern Bengal, captive to Dehli. On setting out upon this expedition to Bengal, the Sultán had infatuatedly installed Uugh Khán as Viceroy at Dehli. The latter waited for his long sought opportunity, till his father's return in triumph to the capital, when he advanced to meet him in equal state and ceremony the conventional *one* stage on the way. Having erected a pavilion for his reception, cunningly devised to fall and crush its occupants, the Sultán and his favourite son fell easy victims to the trap, whose mechanism too effectually fulfilled its mission.¹

No. 157. Pale gold. Weight, 172 4 grs. B M A coarse coin

Obverse—السلطان الغازى غياث الدببا و الدين ابو الظفر

The Sultán, the Ghází, Ghías ud dunya wa ud dín
Abú-l Muzaffar.

Reverse—Area, سكندر الثانى يمين الخلافة ناصر امر المؤمنين

The Second Alexander, right-hand of the Khuláfat,
supporter of the Commander of the Faithful

Margin— ضرب هذه

This is, perhaps, the most curious hybrid piece in the entire series, exemplifying, as it does, the extreme haste resorted to in the preparation and issue of coin on the accession of a new king. In this instance there was less need of such secondary demonstration, as the elevation of Tughlak Sháh was virtually unopposed; and yet we see the State officials so precipitating the Numismatic proclamation of their chosen Sovereign as to put forth money with his name on the obverse, coupled with the incongruous titles of a former Sultán, one of whose obsolete reverse stamps has been made to do duty, on the urgency of the moment, while an appropriate die was in course of completion, which should set forth consistently the

¹ Zia Barani suppresses the fact of the intention, but Ibn Batutah is frank and outspoken on the subject.

titular designations approved of by the reigning monarch, which clearly followed, in their pious tenour, a very different order of ideas, to the vain-glorious boasts of resuscitated Alexanders or other arrogant assumptions of Pontifical precedence.

No 158 Gold. Weight, 170·2 grains Very rare.

A.H. 721.

Obverse—السلطان السعيد الشهيد العازى غياث الدنا و الدين

The Sultán, the fortunate, the testifier, the Ghází,
Ghiás ud dunya wa ud dín.

Reverse—Area, ۷۲۱ ابار الله برهانه

Abú-l Muzaffar Tughlak Sháh. May God illumine
his testimony. 721

Margin—سرب هذه السكه . . . عشرين و سبعمائة

No 159 Gold Weight, 168·8 grs. DEHLI, A.H. 721, 724, 725.

Circular area.

Square area.

تعلن شاه

السلطان العازى

السلطان ناصر

عبات الدنا و الدين

امير المؤمنين

ابوالمظفر

Margin—

سرب هذه السكه بحضرة دهلي في سنة احدى وعشرين و سبعمائة

No. 160 Silver. Weight, 170·2 grs Rare Deogir, A.H. 721.

Area

نعلن شاه

السلطان الغازى

السلطان ناصر

عبات الدنا و الدين

امير المؤمنين

ابوالمظفر

Margin—

سرب هذه السكه بقلعة ديوندر في سنة احدى عشرين و سبعمائة

- No. 161 (pl. iii. fig. 78). Silver Weight, 170 grs. (Several specimens range as high as 169·8 grs.) Rare. Similar coin to No. 160, but struck at Dehli in A.H. 722, 723, 724.

Margin—

صرب ددد السكه بحدرد دهلى فى سه اربع وعشرين وسعمائيه

- No. 162. Silver. Weight, 162 grs. Colonel Guthrie.

A Bengal coin.

Following the ordinary details of the Imperial mintage, but marked both in shape, weight and fashion of the letters in its identity with the provincial coinage. The marginal records are obliterated, but there can be little hesitation in associating these pieces with Tughlak Sháh's expedition to Bengal.

- No. 163 (pl. iii. fig. 79). Silver and copper. Weight, 54 grs.
A.H. 720, 721.

Obverse—السلطان العارى عبات الدسا والدين ٧٢٠

Reverse—Area, تعلى شاد

Margin—श्रीः सुबतां गयासुदी श्रीह Sultan Gyásuddin.

- No. 164 (pl. iii. fig. 80). Silver and copper. Weight, 55 grs.
Dates observed, A.H. 720, 721, 722, 723, 724, 725¹

Obverse—السلطان العارى عبات الدسا والدين

Reverse—ابو المظفر نعلنى شاد السلطان

- No. 165 (pl. iii. fig. 81). Copper. Weight, 53 grs. Rare

Obverse—نعلنى

Reverse—شاد

¹ In two well ascertained instances the *unit* runs on to 726. Mr. Freeling long ago observed the *one* example, and Major Stubbs's latest selections furnish a *second* and indubitable instance of the insertion of a final ٦-6. I do not, however, attach any importance to these crude definitions of the ٦, which may well have been a mere ignorant rendering of a legitimate $r = 2$.

P. Ibn Batutah has preserved a record of an inscription of this monarch on the Jám'i Musjid, at Multán, which he states he had himself seen, to the following effect —

اتى دابلتُ التتر نسفاً وعشرين مرةً بهم منهم فحمدتُ سميتُ بالملك
العارى

I have encountered the Tatars on twenty-nine occasions, and defeated them, hence I am called Malik al Gházi (iii 202)

Ziá Barni has a passage much to the same effect, p. 416, text

We have no extant inscriptions of this Sultán, but he has left a very imperishable memorial of his reign in the stupendous Fort of Tughlakábád, the construction of which is stated by the author of the Táríkh Mubárah Sháhi to have occupied a period of more than three years. The site of the town is prominent on the accompanying plan of Dehli, situated four miles due east of the Kutb Minár and ten miles south of the modern city. The fortress is built of enormous blocks of sandstone cut from the surrounding hills, and within the citadel, which is connected with the fort by a viaduct of twenty-seven arches, is placed the equally solid mausoleum of the king. The whole undertaking, however, proved eminently futile, as his son removed his Court to the old city within forty days after his accession.¹

¹ Syud Ahmad's Asár us Sunadeed, p. 29, Fergusson's History of Architecture, ii p. 663.

BENGAL COINS

I have to bring up the arrears of no less than three Bengal kings, who flourished in undisturbed obscurity as far as imperialism at Delhi was concerned, and to resume the thread of the local history, severed for the time being, with the reign of 'Alá-ud-dín (p. 154).

II SHAMS-UD-DÍN FIRUZ.

We gather from Ibn Batutah's chronicle, already quoted at page 146, that Shams-ud-dín Firúz, the son of Násir-ud-dín Mahmúd *Bughrá Khán*, was reigning in Western Bengal at the period of Muhammad bin Tughlak's abortive revolt against his own father in 721-2 A. H. To his Court fled many of those faint-hearted nobles who hesitated to carry out their treason in the face of real or imaginary difficulties. Beyond this we learn but little of his power, or the prominent events of his reign; indeed, his coins alone establish the fact of his possession of Lakhnauti during the period embraced between the years 702-722, and (at some moment) of his ownership of the Eastern Province of Bengal represented by the mint of Sonárgáon. A subordinate incident is developed in the legends of the coins, that he felt himself sufficiently firm in his own power to discard the supererogatory adjuncts of descent or relationship, and relied upon the simple affirmation of his own position as *the* Sultán السلطان.

Shams-ud-dín Fí'üz Sháh.

No 166 (pl vi fig 8) Silver. Weight, 168·4 grs.

Lakhnauti, A.H. 702,¹ 715, (Col. Bush) 720, 722.

REVERSE.	OBVERSE.
الامام	السلطان الاعظم
المستعصم	شمس الدین و الدین
امیر المومنین	ابو المظفر فروز شاد
	السلطان

ضرب هذا الفضة بحضرت لکھوتی سنہ عشرين و [سبعماية]—*Margn*—

No. 167 Silver. Weight, 168 grs. Unique.

Sonárgáon, A.H. ² Type as above.

III. SHAHAB-UD-DYN BUGHRAH SHAH.

Neither history, incidental biography, nor numismatic remains avail to do more than prove the elevation, as they seem to indicate the brief and uneventful rule, of Shaháb-ud-dín, the son of Shams-ud-dín Fí'üz, and grandson of the once recognized heir apparent of Balban.

The singularly limited number of the coins of this prince, confined—if the original Calcutta selections be not at fault³—

¹ See also Pathán Sultáns of Hindústán, old edition, p 37, coin dated 702 A.H. This coin was first published in 1848. I then read the date as 702 A.H. I was not at the time unversed in the decipherment of Arabic numbers, and probably from the very difficulty of placing the piece itself, I may the more rely upon the accuracy of my original interpretation. I mention this fact, as I am at present unable to refer to the coin itself.

² The name of this king does not appear in any of the lists contributed by Babú Rajendra Lal, who was commissioned to make a selection of the more remarkable coins from the grand total above named.

to three examples amid the 13,500 accumulated specimens of the currencies of other kings of the land over which he temporarily held sway, sufficiently mark his status in the general list of the potentates of the century in which he lived. No date or place of mintage is preserved on his extant money, and the single additional item supplied by their aid is his personal or proper name, which appears on their surfaces as بعدد; a crude outline which might suggest a doubt as to the conclusiveness of the transcription of بعدد, now confidently adopted as expressing an optional rendering of the grandfather's title of بنراخان,¹ a name which was even further distorted from the Tūrki original by the conversion of the medial ر into the vernacular cerebral ڙ or ڑ=d. For the rest, the pieces themselves, under the mechanical test, in their make, the forms of their letters, and the tenour of their legends, evidently follow closely upon Shams-ud-dīn's mintages, and as clearly precede the money of the same locality, issued by Ghīās-ud-dīn Bahādur Shāh, who, in 724 A.H., drove this, his own brother, Shahāb-ud-dīn, to take refuge with the Sultān, Ghīās-ud-dīn Tughlak Shāh. Bahādur's career has yet to be told in connexion with his own coins, but to dispose of Shahāb-ud-dīn,² as far as the exercise of his

¹ The ancient name of طنج بنراخان of Bokhāna notoriety, in 350 A.H. (Fraser's *Recessio Numorum Muhammadicorum*, pp. 139, 593-578), was subjected to strange mutations on Indian soil. My authority for the substitution of the final ڙ in place of the vowel ې is derived from Ibn Bitūtah, who uniformly writes the word with an ڙ (iii, 231-5, 293). Ferishtah (*et al.*, p. 131) has بنرا, whence Stewart's *Darya* (p. 71). Dow gave the name as *Kera*, and Buggis as *Kera* (i pp. 265, 270, etc.).

² Those who delight in interesting coincidences might see, in the name of Shahāb-ud-dīn, a most tempting opportunity for associating him with a really important record by the Indigènes themselves, inscribed on a stone slab in the

mint prerogatives are concerned, he seems to have abdicated any such rights from the date when he claimed the aid of his

fort of Chunár, setting forth then victory over a "*Malik*" Shaháb-ud-dín, quoted as acting under Muhammad bin Tughlak, in Samvat 1390 (A. H. 734), but I confess I do not myself encourage the identification. Chunár is certainly not out of the range of access from Bengal, but other men of mark may have filled this command, and the name of the fortress itself is never heard of in reference to the affairs of the kingdom of Lakhnauti, in those early days though the main road of communication between the two capitals of the north and the south took its course through Baddón or Kanauj and Jaunpoor. The inscription is otherwise well worthy of further examination, in as far as it concerns the history of imperial influence upon proximate localities, and as such I transcribe both the text and Dr. Mill's translation of the brief passages which chance to illustrate the general subject.

Verso 6

सहाव्दीनादिदुष्टाक्षयनेह्महम्मादा ।

सैराजो मि[लितोऽम]ात्रो वैरियापि क्षयानधिः ॥

"By MUHAMMAD, lord of the hostile Yavanas SHAHÁB-UD-DÍN and the rest, though an enemy, was SAINÁJA, the treasure of benignity, employed as prime minister."

Verso 11

संवत् १३९० भाद्रपदि ५ गुरौ सैराजदेवनश्वर

यागतमल्लिकसहावदीनरचितं ॥

"Samvat 1390, in the month of Bhádya, fifth day of the waning moon, on Thursday, was the kingdom set free from MALIK SHAHÁB-UD-DÍN, acting under the protecting favour of SAINÁJA aforesaid."

—(See Journal As Soc. Bengal, vol. v, 1836, p. 941.)

There were several *Shaháb-ud-díns*, men of prominence in these days. Among the rest **ملك سياب الدين سلطان** at the Court of Tughlak Sháh (Zia Bahr, text, p. 124). Subsequently described as **بصرخان ملك** **سياب الدين سلطان** (p. 454) in the official lists of Muhammad bin Tughlak's nobles, and mentioned by Ferishtah as having been invested with the *Jayq* of Násar (text, i. p. 233, Briggs, i. p. 412). *Násar*, if it is correctly placed in 73° E.—21° 0', would scarcely, however, associate his scene of action with Chunár (83°—23° 5'). Later in point of time, there was a Shaháb-ud-dín, *Multan*, who was entitled *Nasir Khun*, and entrusted with the charge of Bidi in A. H. 742 (Ferishtah, i. 424), and who very shortly rebelled against his lord (Elliot's *Historians*, ii. 247).

Suzerain; and though Zîá Barní¹ affirms that he was eventually reinstated in his dominion, it is not clear under what terms and conditions he was permitted to hold his delegated rank.

Shaháb-ud-din Buglu ah Sháh.

No. 168 (pl. vi fig. 4) Silver. Weight, 168.5 gr.

Mint (illegible). Two coins only, Col. Githuie

Type as usual

OBVERSE.	REVERSE.
السلطان الاعظم	الإمام
شمس الدنيا والدين	المستعصم
ابو المظفر بعده شاه	امير المؤمنين
السلطان بن سلطان	

Margin, (remainder illegible) عرب هـ دالـ

IV. BAHÁDUR SHÁH.

The single point in the biography of Bahádur Sháh which remains at all obscure is the date of his first attaining power. Ibn Batutah records, with sufficient distinctness, that he con-

¹ و سلطان ناصر [شهاب] الدين صابط لکھنوی را . . چتر و دورباش
داد و لکھنوی بدو حوالہ فرمود و ناز فرساک و ستکانو و سارکانو
صابطا شد Calcutta text, p. 451

و نعلی شاد ناصر [شهاب] الدين را چتر داده بطریق رمان سانی
لکھنوی را باقطاعش معرر داشت و نیز صحافطت سنارکانو و کور

بنکالہ ناو رجوع کرد Ferishtah, Bombay text, p. 234.

Bugge's version differs materially from the original text (1 106)

quered and set aside his regnant brother *Shabib-ud-din*, at some time prior to Ghiás-ud-din Tughlak's reassertion of the ancient suzerainty of Dehli over the lightly-held allegiance of Bengal, and his eventual carrying away captive the offending Bahádur, who was, however, soon to be released and restored with added honours,¹ by Muhammad bin Tughlak, shortly after his own accession. Indian homo-authors, who so rarely refer to the affairs of the Gangetic delta, give vague intimations of the first appointment of Bahádur to Eastern Bengal by 'Alá-ud-din Muhammad in A.H. 709,² assigning to him an inconceivable interval of placid repose until A.H. 717, when he is stated to have broken out into the turbulent self-assertion for which he was afterwards so celebrated. But, as we have seen how manifestly wrong the Court chroniclers were in the matter of Násir-ud-din's prolonged reign, we may freely accept Ibn Batutah's statement as the most readily reconcilable with probabilities, and the demands of the, up to this time legible, dates on the coins which Bahádur put into circulation in Bengal. I might have some doubt as to the conclusiveness of the reading of the date 710 on his money in the Kooch Bahár *trouaille*, but I have none as to the clear expression of A.H. 711 and 712, though the singular break occurring between 712 (or 714) and 720 suggests a suspicion of an originally imperfect dic-rendering of the عشر = 10 for عشرين = 20,³ which would bring

¹ جون سلطان بهادر سارکامی را بملک اوده رخصت کرد آنچه

زیر بعد در خزانه بود بمبار در انعام اوداد

Tabakát-i-Akbari See also Zia Bari, printed edition, p. 461.

² Stewart, p. 75, Feishtah (Biggs), i. 106

³ Among more critical Arabic scholars than the Bengal mint masters ever affected to be, this point would have been easily determined by the insertion of

the corrected range of Bahádur's dates to 720-724; but even these figures leave something to be reconciled in reference to their associate places of mintage, for in 720-722, his father, Shams-ud-dín Firúz, was clearly in possession of the already commemorated "*Lakhnauti*;" but such an anomaly might be explained by the supposition that Bahádur, in the earlier days, used the name of *Lakhnauti* as a geographical expression for a portion of the dominions ordinarily administered from that capital. Undoubtedly the first appearance of the contrasted designation of the eastern capital, "*Sonárgáon*," occurs on the coinage of his father, but even this sign of discrimination of urban issues would not be altogether opposed to a continuance by Bahádur of the loose usage of Camp Mints, of naming the metropolis as the general term for the division at large, or inconsistent with the subsidiary legitimate employment of the designation of the province on a coinage effected anywhere within its own boundaries,—either of which simple causes may have prevailed, and been utilized with a new motive, if any covert ulterior meaning chanced to be designed, as implying that Bahádur himself had special successional or other claims to the metropolitan districts.

Tughlak Sháh's intervention in the affairs of Bengal seems to have originated in an appeal on the part of the ejected Shaháb-ud-dín against the usurpation of his brother Bahádur. The result of the Imperial expedition to the south was the defeat, capture, and transport to Dehli of Bahádur Sháh, but among the first acts of the new Sultán, Muhammad bin Tughlak, was the release and re-installation of the offender, showing clearly that he was something more than an ordi-

omission of the conjunction *y van*, which, as a rule, is required to couple the *units* and the *twenties*, but is not used with the *units* and *tens*

nary local governor, transferable at will, and that possibly the interests of the Imperial father and son, in their newly established dynastic rank, and the confessed insubordination of the latter, were independently advocated by the opposing members of the royal line of Bengal, whose family tree could show so much more ancient a series of regal successions than their parvenu Suzerains, whose elevation dated scarce five years back. One of the most interesting illustrations of the present series is contributed by coin No. 186, in the legends of which Bahádúr acknowledges the supremacy of Muhammad bin Tughlak over Eastern Bengal during A.H. 728.¹ The subjection seems, however, to have been of brief duration, as, sometime in or after the year A.H. 730, Bahádúr appears to have reverted to an independent coinage, in a new capital called after his own title *Ghiáspur* (coin No. 170), and in A.H. 733 Muhammad bin Tughlak is found issuing his own coin in Bengal, and Bahádúr, defeated and put to death, contributed an example to insurgent governors in his own skin, which was stuffed and paraded through the provinces of the empire.

¹ Ibn Batutah gives the following additional particulars of Bahádúr's installation — "Il [Muhammad bin Tughlak] lui fit de nombreux cadeaux en argent, chevaux, éléphants, et le renvoya dans son royaume. Il expédia avec lui le fils de son frère, Ibrahim Khán, il convint avec Behádomr Bouah qu'ils posséderaient ledit royaume par égales moitiés, que leurs noms figureraient ensemble sur les monnaies, que la prière serait faite en leur nom commun, et que Ghiyáth eddín enverrait son fils Mohammad dit Beibath (رباط), comme otage près du souverain de l'Inde. Ghiyáth eddín partit, et observa toutes les promesses qu'il avait faites, seulement il n'envoya pas son fils, comme il avait été stipulé. Il prétendit que ce dernier s'y étant refusé, et, dans son discours, il blessa les convenances. Le souverain de l'Inde fit marcher au secours du fils de son frère, Ibrahim Khán, des troupes dont le commandant était Doldj attatary (دلجي التري). Elles combattirent Ghiyáth eddín et le tuèrent, elles le dépouillèrent de sa peau, qu'on rembourra de paille, et qu'on promena ensuite dans les provinces".—Vol. II. p. 316

Bahádur Sháh.

No. 169. Silver. Size, vii to viii. Weight, ordinarily, 166 grs.; one example is as high as 167·5 grs. Rare. Lakhnauli, A.H. 710,² 711, 712, 7-3, 7-1¹ (*break*), 720, 721, 722

OBVERSE.	REVERSE
السلطان الاعظم	الاسلام
عبادت الدنيا والدين	المستنعم
ابو المظفر بنادو شاه	امير المؤمنين
السلطان بن سلطان	

Margin—ضرب هذا الفضة حصرت لكتيوني سنة احدى عشر وسبعماية—

No. 170 (pl. vi. fig. 5). Silver. Weight, 166 and 164·5 grs. Very rare. Two coins. Col Guthrie. Second mint, Ghíásápúr, Date, 720.

Margin—* هذا السكة فضة عمانبورية ثلثين *

I have reserved for its more appropriate place among Muhammad bin Tughlak's own series of silver pieces the remarkable medal struck by Bahádur Sháh in honour of his Suzerain in A.H. 728 (No. 186, p. 215).

¹ The dates 7 3, 7 4, may, perchance, be obliterated records of 723, 724. I have placed them among the lower figures, but I have no sanction for retaining them in that position.

NINETEENTH KING. (A. H. 725-752, A. D. 1324-1351)

The destinies of India were surrendered for twenty-seven years to the eccentric domination of Muhammad bin Tughlak, a man of mark apart from his kingship—generous to profusion, an accomplished scholar, abstinent, a stern defender of his faith, and the most experienced general of his day. Against these many merits had to be set a determination which hesitated at no means in the compassing of his own ends—a ferocity possibly inherited from the desert tribes, which could conceive no punishment effectual but death, combined with a perversion of intellect which induced him to allow despotism to run into insane fury at any sign of opposition to his will. His mind was cast to know no mercy or compassion as a judge, and he was led to carry out his best intentioned measures with an utter disregard of human suffering, as instanced in the transportation, in some cases with brutal violence, of the inoffensive citizens of Delhi, *en masse*, for the mere purpose of filling his newly created city of Deogir;¹ or the extermination of whole tribes as if they had

¹ The following account of Ibn Batutah, who was in part an eye-witness of the transactions referred to, will give some idea of the horrors perpetrated in carrying out this edict.—“The Sultan ordered all the inhabitants to quit the place, and upon some delay being evinced, he made a proclamation, stating that what person soever, being an inhabitant of that city, should be found in any of its houses or streets, should receive condign punishment. Upon this they all went out, but his servants finding a blind man in one of the houses and a bedridden one in another, the Emperor commanded the bedridden man to be projected from a balcony, and the blind one to be dragged by his feet to Daulatâbâd, which is at the distance of ten days, and he was so dragged, but his limbs dropping off by the way, only one of his legs was brought to the place intended, and was then thrown into it, for the order had been that they should go to this place. When I entered Delhi it was almost a desert.” “Its buildings were very few, in other

been vermin, whose single hope of salvation, in this world, was the profession of Islám.

In the early portion of his reign he held in full subjection an empire far more magnificent than had been given to any of his predecessors. circumstances, however, were adverse to the permanence of his power. The dominion covering twenty-three provinces,¹ or independent nationalities, became, in the

respects it was quite empty"—Dr. Leve's edition, *Oriental Trans. Fund*, p. 144 French edition, iii. p. 315.

¹ Suahy-uddin Abulfatah Omar, natif de la province de Dehli, nous apprend que les états de ce monarque se composaient de vingt-trois provinces principales, savoir

1 Dehli	افلم دهلی	13. Badaon	افلم بداون
2 Deogh	دیوگر	14. Oude	عوض
3. Multán	الملتان	15. Kanauj	القموج
4 Kohram	کهرام	16. Lakhnauti	لکھنوتی
5 Samanah	سامانه	17. Bihár	بیهار
6 Siwistán	سوسنان	18. Karrah	کرد
(Schwán)		19. Malwa	ملاوہ
7 Uchh	اوجہ	20. Lâhor	لہاور
8 Hansi	ہانسی	21. Kalánúr	کلانور
9 Sirsati	سرسٹی	22. Jâjnagar	جاجنگر
10. Malabár	المعبر	23. Telinga ?	نلتھ
11. Telinga	نلتھ	24. Dwara	دورسمند
12. Gújerát	گجرات	Samanda	

—Not et Ext. am. p. 170. Zia Baun's list is less complete.

1.	دهلی	7	دھورسمند
2	گجرات	8	معبر
3	مالوہ	9.	برہم
4	دیوگر	10	لکھنوتی
5.	نلتھ	11.	سکانو
6	کسلہ	12.	سارکانو

—Zia Baun, pp. 467, 473, Calcutta text.

The author of the *Masûlik ul Absûl*, in another part of his work, while

very number of its sections, essentially incoherent. Local feudatories had of late been superseded by governors appointed by the head of the State, and the selection of fitting and trustworthy representatives was attended by far greater risks than of old, now that the national bond, so effective among the ruling classes under the dynasty of the Türks, had disappeared amid the dissensions of Türk and Khilji,

speaking of his means of obtaining information upon Indian matters, remarks — “Des voyageurs de notre pays (Egypte) se rendent continuellement dans l'Inde, nous sommes-nous parfaitement instruits de ce qui se passe dans cette contrée” (p. 202). It must be remembered, also, that these data must have been committed to writing within a very brief interval after the return of the several contributors, as the compiler of the *Maâdhik ul Ahsan* died about the same time as Muhammad bin Tughlak himself (that is to say, in A. H. 749, or, at latest, 752). His informants seem to have been very favourably impressed with the high standard of civilization existing in Delhi, one of whom deposes, “les habitants de Delhi se distinguent par leur esprit et leur intelligence, la sagesse de leur réflexion, la pureté de leurs idées. Ils s'expriment avec élégance en langue persane et en langue indienne” (p. 217). But the most distinct test of their cultivation is afforded by the accomplishments of the women, or whom the Afghans speak with great admiration. The author continues— “Je demandai à chacun de ces voyageurs, en particulier, comment une esclave femelle pouvait atteindre cette valeur (20,000 *tankah* ou même davantage), dans un pays où tout est si cher et si bon marché, chacun me répondit que cette différence tenait à ce que ces jeunes filles se distinguaient par la beauté de leurs formes et la grâce de leur maintien, que pour la plupart, elles possèdent l'Alcoran, savent écrire, récitent des vers, de l'histoire, excellent dans la musique vocale, savent jouer du luth, jouer aux échecs et aux dés. Ces jeunes esclaves sont toutes fières de leurs qualités brillantes. . . . Les femmes de l'Inde, sous le rapport de la beauté, l'emportent sur celles de Turquie et du Kaptchak, en outre, elles se distinguent par une grande instruction et une extrême variété de talents” (p. 200). In a later stage of progress, India's “greatest king,” Akbar, equally confessed the supremacy of female rule, in persons alien to his own faith, who not only declined to study the *Kurân*, but coerced the mighty monarch into the acceptance of portions of their own creed, as one of his own biographers remarks: “The Emperor was subject to the influence of the numerous Hindu princesses of the Harem, who had gained so great an ascendancy over him as to make him forswear beef, garlic, onions, and the wearing of a beard, which things His Majesty still avoids.”—Badâoni, quoted by Blochmann, *Ain-i-Akbari*, p. 193.

both of whom had henceforth to bow to an alien Sultán of curiously mixed breed. In the Muhammadan distrust of unconverted Hindús, all manner of foreign adventurers were installed in divisional posts;¹ these men having little or no interest in the stability of the throne, were ever ready to aid any projected rising, or to join with their combined forces any of the more influential rebels. So that the annals of the period present a mere succession of outbreaks,—no sooner was one section of the empire brought back to its allegiance than another division would seek to assert its independence.

The Sultán was often obliged to command his own armies; and though he was usually victorious, the very fact of his absence in distant parts encouraged the disaffected elsewhere. The old proverb, "Dehli is distant,"² found a new application; the royal forces were often less near to the threatened point than the inconveniently situated capital itself, whose distance from the Southern States had already suggested its supercession by the more central Deogír. A parallel obstacle to the permanent subjection of the provinces was to be found in the state of the roads and the general insecurity of the country at large, evils that extended to such an extreme that the tribute of the south was allowed to accumulate at Deogír, merely because it was found impossible to transport it to Dehli, and eventually the whole trea-

¹ The majority of these mercenaries seem to have been Khorásáns, whom Muhammad bin Tughlak had collected to aid in his contemplated conquest of their own country. Ibn Batutah remarks incidentally that the people of Dehli called all Asiatic or African strangers indiscriminately "Khorisans" (in 229). Mughals were also engaged in large numbers, so that, on the Sultan's death, this section of his army, compact in its nationality, at once proceeded to harass and plunder the now ill-commanded force to which they were attached. Elliot's *Historians*, edition 1819, p. 324, new edition, vol. iii pp. 251, 266.

² دهلي دور است "It is a far cry to Lochow."—Rob Roy

sare was divided on the spot among some temporarily successful insurgents.¹

The end of such a state of things might easily be predicted. The Bengal Mints occupied themselves in coining money for independent rulers, the Sultan's early triumph, Warangol, reverted to its ancient name in the hands of other masters; Deogir, his chosen capital, submitted to Hasan Gungo, the founder of a new race of kings, the Bahmani dynasty of Kalbarga, who were destined to play a prominent part in the destinies of the country; and, finally, the owner of so many kingdoms died, miserably, of a fever, near Thatta, on the lower Indus, with his army "like ants or locusts" around him; and his cousin and successor found some difficulty in getting safe home to the cherished Delhi, Muhammad bin Tughlak had once done so much to desolate and destroy.

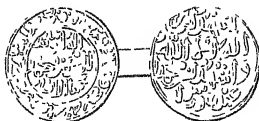
It is, however, in his rôle as a Prince of Moneyers that Muhammad bin Tughlak claims our peculiar attention. His mintage is instructive both in the novelty and variety of their types, admirable in the artistic perfection of their design and execution, and especially significant in their reflex of the individuality of the Monarch himself, marking, as they do, the various phases of his career—his early wealth and reckless profusion, its resulting poverty, which he attempted to meet by a forced currency, and equally his ready return to money payments on its ascertained failure. Next in order, they exemplify the doubts and difficulties concerning his own title to the throne, unconfirmed as it was by Pontifical authority, which he remedied by the curious pro-

¹ On another occasion (745 A.D.) the tribute of Gujarat, with the horses for the royal stables and a large convoy of merchandize, was plundered by the foreign Amirs at Baroda, the proceeds of which enabled them to organize a serious insurrection.

cess of the omission of his own name and the substitution of that of an Egyptian scion of the house of Abbās, who, as chance would have it, was already in his grave. So important, indeed, did he consider all matters connected with the public currency that one of the earliest acts of his reign was to remodel the coinage, to readjust its divisions to the altered relative values of the precious metals, and to originate new and more exact representatives of the subordinate circulation. These innovations will be noticed in detail in connexion with the representative monetary specimens in as much of consecutive order as the materials admit.

Muhammad bin Tughlak

No. 171. Gold Weight, 198.5 grs., highest weight of other available specimens, 199 grs. (See also Maudslayi, vol. xiv) DELHI, VII. 725, 726, 727



(Inner area)

الوانى بنائى

الرحمن محمد

ساده السلطان

Margin—

صرب هدا الدبنار بحضرة دهلى

سده سبع و عشرين و سعمائة

اشهد ان لا

اله الا الله

واشهد ان محمدا

عده و رسوله

"I testify that there is no god but God, and I testify that Muhammad is his servant and apostle."¹

¹ This is the ^{سبح} اذان ^{اذان} *adhan* or call to prayer, usually chanted from the turret of

No. 172 *Gold*. Weight, 167·3 grs. *Unique* in gold. Colonel Guthrie. DĀR UL ISLĀM, A. H. 717.



(Circular area
لَا إِلَهَ إِلَّا
الله محمد
رسول الله

Margin—

ضرب حدد السكه بدار الاسلام
في سنة سبع وعشرين وسبعماية



ابوبكر
المجاهد في
سبيل الله
محمد بن تغلق شاد
٧١٧

The warrior in the cause of God,¹
Muhammad bin Tughlak Shāh
Abubakr, Umar, 'Usmān, 'Alī.

أسيد أن، أسيد أن، أسيد أن، أسيد أن (twice) — لا إله إلا الله (four times) — الله أكبر (the mosque).
أسيد أن، أسيد أن، أسيد أن، أسيد أن (twice) — لا إله إلا الله (the mosque).
أسيد أن، أسيد أن، أسيد أن، أسيد أن (twice) — لا إله إلا الله (the mosque).

Marsden, usually so cautious in his criticisms, and who had gone through a very severe training in Kufic palaeography in the various introductory series he was called upon to decipher, proved altogether at fault when he came to encounter the free flow of superior Kufic MS calligraphy which Muhammad bin Tughlak had suddenly brought to such perfection in those mint die. — *Num. Orient.* p. 534

¹ See Zia Barmī, Persian text, p. 196, Elliot's *Histories*, in p. 143, Ibn Batutah, in '215

Firūz Shāh *Akbarī* had coveted this particular title, and condescended to engage in a secondary intrigue in order to obtain it, as a presumed voluntary offering on the part of the local heads of the creed, but on their too ready compliance with his wishes, he discovered scruples as to the sufficiency of his own claims to any such distinction

No. 173. *Gold*. Weight, 198·5 (198, 197·3, 197·8). A most perfect coin. Colonel Guthrie. *DEHLI*, A.H. 727, 728, 729 (See also another specimen engraved in pl. iii. fig. 83.)



Obverse—ضرب في زمن العبد الراحي رحمة الله محمد بن تغلق

Reverse—Circular area. *The Kalimah*.

Marginal—هذا الدينار بحضرة دهلي في سنة سبع و عشرين و ستمائة

No. 174. A specimen of this class of money, in the collection of Col Stacey, now in the Museum of the Asiatic Society of Bengal (in weight 199 grs.), struck at *Deogir*, in A.H. 737, has the following exceptional marginal legend:—

هذا الدينار في سنة دين اسلام اعني حضرة ديوگر ٧٣٧

See also M. Soret's coin, No. 318 of my Supplement, Num. Chron. 1852, xv p. 129.

Deogir or Daulatábúd was specially designated at this period by the prefix of قبة الاسلام. *Masálik al Absá, Notices et Extr.* xiii. p. 210.¹

¹ Au rapport du scheikh Moubarak, le royaume de l'Inde a pour capitale la ville de Delhi. Ensuite vient la ville de Dewakh, qui fut fondée par le Sultan de cet empire, et nommée par lui قبة الاسلام la métropole de l'islamisme. Cette place, ajoute le scheikh, est située dans le troisième climat. Lorsque je l'ai quittée, il y a six ans, les constructions n'étaient point achevées, et je doute qu'aujourd'hui elles soient terminées, à raison de l'immense étendue de son enceinte, et du nombre prodigieux d'édifices qu'elle devait renfermer. Le prince l'avait divisée en quartiers, dont chacun était destiné à des hommes d'une même profession. On distinguait le quartier des troupes, celui des vizirs et des écrivains, celui des kadis et des savants, celui des scheikhs et des fakirs, celui des marchands et de ceux qui exercent des états lucratifs. Chaque quartier devait renfermer tout ce qui

No. 175. Gold Weight, 170 grs. SULTANPUR (Warangal),¹
A.D. 729. Very rare. Col. Guthrie.



الوائق بتائد

الرحمن محمد

شاه السطبان

Margin—

ضرب هذا الدينار بشهر سلطانپور

سنة تسعم و عشرين و سعمائة

اشهد ان لا اله

الا اله واشهد

ان محمدا عبده

ورسوله

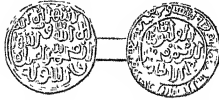
pouvant suffire à tous les besoins, les mosquées, les minarets, les marches, les bains, les moulins, les fours, et les artisans de tout genre, jusqu'aux forgerons, aux cordonniers aux corroyeurs en sorte que les habitants n'eussent aucun besoin de recourir à d'autres pour leurs ventes, leurs achats et les autres nécessités de la vie, et que chacun de ces quartiers formât comme une ville séparée, entièrement indépendante de celles qui l'avoisinaient.—Not et Ext. ann. p. 172.

See also Ibn Batutah, in 182, 191, iv. 46-51. 'The revenue of the province is incidentally stated to have been valued at 17 *lacs* of *tom laks*, p. 49. Dr. Laes's Translation, p. 163.

'If the visitor passes his eye over the modern town of Roza (which occupies merely a small part of the site of the vast old city), he will see in the distance the fortress of Daulatabad all the intervening plain for about six miles must have been covered with buildings of the old city. The ancient reservoir of the city, called *Ganj Kauran Salak*, or the *Pari Talao*, is situated about two miles S.W. of Roza. The site of this old city, and perhaps its traditional history, must have pleased Muhammad bin Tughlak, who twice attempted to force the population of Dehli to remove to it. The mint or Tankasâl of this king was close to the Pari Talao. In this mint were coined the mohurs and rupees that formed the fictitious currency, specimens of which are frequently turned up by the plough of the modern cultivator"—Col. Trenlow, Jour. Bombay Branch, R. A. S. 1853, p. 376.

¹ See p. 188, ante. Lat. 17° 58', long. 78° 40'—Grant Duff, i. 47.

No. 175a. Gold. Weight, 170 grs. Sultānpūr, A.H. 729. Col. Guthrie.



Legends identical with those on No. 175.

No. 176 (pl. iii. fig 84, and Marsden, dccxvi.). Gold. Weight, 169·3 grs. DELHI, A.H. 727, 733, 736

Circular area	والله
في عهد	العنى وانم
محمد بن	الفقر
تغلن	"Deus est dives; vos autem indigi estis" ¹
Margin—بحرزد دهلي سست	
ست و نلشن وسعماية	

No 177. Gold. Weight. 99·0 grs. Unique Mr. E C Bayley ²

محمد	محمى
بن	سنن خاتم
تلغن شاد	المسمن
	"Defender of the laws of the last of the Prophets."

¹ Ku'ān. Surah 35, 15—يا ايها الناس انتم الفقراء الى الله هو العنى—*"Oh men, ye have need of God, but God is self-sufficient, and to be praised."*—Salo. Firāh. p. 177. De Saey, J des Sav. 1827, p. 277

² I regret to say that this valuable coin has been lost. It was made over to Mr. Basue some years ago to be engraved, but it was abstracted from his drawers with many other choice specimens from Mr. Bayley's collection. I myself outlined the above woodcut from the original coin, and published it at Dehli in 1851.

Coin struck in memory of his Father

No. 178 Gold Weight, 24.5 grs (A worn coin.) *Unique.*
Col Guthrie A n 73—.



Circular area.

ابو المظفر

نعلق شاد السلطان

انار الله برهان

ضرب هذا السكة . .

سنة . . ثابتن وسبعماية

السلطان

السعيد الشهيد

غياث الدين

This is a most interesting coin, seemingly struck by Muhammad bin Tughlak, in one of his eccentric moods, in memory of his father. There is nothing definite in the legends to prove this assignment except the *denial* in the date, which might be questioned in the imperfect marginal legend, but which is sufficiently clear on the original piece, though scarcely legible in the English engraving. The type of the coin, which was only introduced by the son, takes it out of the category of the mintages of the father, and the exaggerated weight equally points to an exceptional issue, a coincidence in which the piece accords with the posthumous medals of Muhammad bin Sâm (No. 19, *supra*). But the crucial test of the date of the coin consists in the superiority of the calligraphy and the improvement in the die execution initiated by Muhammad bin Tughlak.¹

¹ No 178a. I have a *Pan dha* piece (in weight, 51 grains) of fine silver, which seems equally due to a later period than the reign of Tughlak Shâh. The legends themselves are similar to, but not identical with, those of the gold coin, No. 178,

No. 179. Gold. Weight, 169 grs. Unique. Gen T. P. Smith.
A. II. 739.

Obverse— ضرب في زمن العبد الراجي رحمة الله محمد بن

Reverse— السلطان السعيد الشهيد نعلی سادسه نسع وثلثین وسعمایه

SILVER COINS

No 180 (pl. iii. fig 87) Silver 'Adali. Weight, 140 grs.
DEHLI, A. II. 725, 726

الواسی باند	اشهدان لا
الرحمن محمد	اله الا الله
ساده السلطان	واسهدان محمدان
Margin—	عمده ورسوله
ضرب هذا العدلی بحضرة دهلي	
سده خمس وعشرين وسعمایه	

No. 181. Silver 'Adali. Weight, 138 grs. A. II. 727. Unique.
Delhi Archaeological Society's collection. Similar legends, but the
form of this specimen is changed in shape from the usual broad
pieces into a thick and narrow coin, like No 88, pl. iii.

but the superior metal, the form of the piece, and especially the fashioning of the
letters, associate it with the issues of Muhammad bin Tughlak. The legend
runs—

Obv.— السلطان السید الشہید الغازی غیاث الدین

ابو المصطفیٰ تغلق شاه السلطان انا لله برهانه ۷۳۴

The date is nearly obliterated, but the most important figure, the ۴, seems to be
positive.

No 182 (pl in fig. 88) Silver (largely alloyed) Weight, 140 grs¹
A.H. 725, 729, 730

السلطان	صرب
السعد الشهيد	في زمن العبد
يعلن شاه سبه	الراجي رحمة
ثمان وعشرين	الله محمد
وسعمائة	بن

No 183 Silver and copper. Weight, 140 grs A.H. 732
Unique M. E. C. Bayley.

Coin similar in its form and the details of its legends to No 182

No 184 (pl iii. fig 90) Silver Weight, 168.5 grs B.M.
A.H. 730.

لا اله الا	ابوبكر
الله محمد	المجاهد في
رسول الله	سبل الله
صرب هدد السكه . . Margin—	محمد بن علي شاه
في سنة ثمان وسعمائة	٧٣٠

No 185. Silver Weight, 168.0 grs. Satgaon, A.H. 730
Aureus as above

صرب هدد السكه بسكانو في سنة ثمان وسعمائة—Margin
Coin struck by Bahádur Sháh of Bengal in the name of Muhammad
bin Tughlak (referred to at p 201 *supra*)

¹ Average weight of eight selected specimens, 139.6 grams, highest weight observed, 140 grams. The less carefully executed coins of 730 A.H. range as high as 140.3 grams, but these pieces are more largely alloyed with copper, so that their weight need not have been so much cared for.

No 186. Silver. Weight, 140 grs. Souárgaon, ۱ H. 728 *Unique*.
Dehli Archaeological Society.

ضرب بامر الوانئ بالله محمد بن نعلئ شاد Area,
 هدد السكه بحصره سناركاو سه تمان و Margin,
 عشر بن و سبعمائه

Reverse—السلطان المعظم عات الدسا و الدين ابو—
 المطر بنادر شاه السلطان ابن السلطان

No. 187 (pl. vi fig. 6). Silver Weight, 168.5 grs.

Lakhnauti, ۱ H. 733. Areas as in No. 184

Margin—هده الفقه بشهر لكهنوتئ سه دلات و دنبن و سبعمائه

No. 188 Silver. Weight, 168 grs Unique¹ (My cabinet)

Dau-ul-Islam, ۱ H. 734



في عهد

محمد بن

نغلمن

والله

العنى وانتم

الغمرء

مدار الاسلام سنة اربع و ثمان و سبعمائه—Margin

¹ Similar to gold coin No. 176 *supra*, pl. iii. fig. 81, and Maunden, Dec ۱۱

SMALL COINS. SILVER.

No 189 (pl. iii. fig. 91). Silver. Weight, 56 grs.
 A.H. 726, 727.

Obverse—السلطان العادل

Reverse—محمد بن تغلق شاه ٧٢٦

No. 190 Silver. Weight, 52 grs. A.H. 725.

Obverse—المجاهد في سبل الله

Reverse—محمد بن تغلق شاه ٧٢٥

No. 191. Silver. Weight, 52 grs. A.H. 730. Col. Stacey.

Obverse—أبو الفتح بنصر الله

Reverse—محمد بن تغلق شاه ٧٣٠

No. 192. Silver Weight, 51 grs. A.H. 727, 732

Obverse—في زمن السلطان العادل محمد بن تغلق شاه

Reverse—دامت سلطنته في سنة سبع وعشرين وسبعماية

No. 193 (pl. iii fig. 93). Silver Weight, 55 grs. A.H. 732, 733,
 734, 735, 736, 738, 739; in copper, 732, in brass, 733

Obverse—الملك والعظمة لله

“Dominion and greatness are of God”

Reverse—عبد الراحي محمد تغلق ٧٣٣

No 194. Silver. Weight, 51·5 grs. A.H. 727, 730, 733, 734,
 735, 736, 737, 738

Obverse—الراحي رحمة الله الكريم

Reverse—محمد بن تغلق سنة ثلث وثلثين وسبعماية

MUHAMMAD BIN TUGHLAK'S CURRENCIES.

This may be the fittest opportunity of adverting to the change effected in the national coinage of India between the epoch of the first establishment of the Muhammadan mints under Altamsh and the reforms introduced by Muhammad bin Tughlak. It is a curious but readily explicable fact that all attempts to discover, from the writings of indigenous authors, the authoritative scheme or the relative values of the local coinage have hitherto proved futile. The contemporary writers necessarily spoke of things around them as matters of course, regarding which no details or explanations were required; they mentioned from time to time the various coins of the realm, but only in general terms with reference to prices, payments or gifts, without defining the current interchangeable rates of the several coins thus adverted to. The later Indian historians seem themselves to have had a difficulty in fixing and determining the system of money values obtaining in earlier times, and it was left for chance travellers, like Ibn Batutah, to supply many important specifications of the current rates of exchange, which could not be gathered from home sources; but a still more communicative visitor to the Court of Delhi at the same period has left upon record a full and complete epitome of the various descriptions of money employed in Hindustán.

The narrative of Shaikh Mubárak bin Mahmúd *Anbatí*, the traveller in question, has been incorporated in an Egyptian work entitled (مسالك الأنصار) *Masálik al Anṣār*,¹ a unique MS. of which is to be found in the Imperial Library at Paris. The contents of this MS have been examined and copiously

¹ The compiler of this work also quotes, among his other authorities, Shuj-ud-din Abul'fath Omar of *Oudh*.

abstracted by M. Quatremère in vol. xiii. of the *Notices et Extraits* (p. 51, *et seq.*). It is from this excellent article that I derive the information which I have thrown into the subjoined tabular form. The statements now contributed are not only very complete in themselves, but are so consistent with the numismatic data, that I accept them unhesitatingly as setting at rest many necessarily crude speculations wherewith I formerly attempted to arrive at a solution of the problem,—conjectures based primarily upon the weights and intrinsic contents of the coins themselves, aided by the very imperfect light our native authors had chanced to throw upon the inquiry.¹ There is one point that it is necessary to bear in mind in regard to the statements of Shaikh Mubarak, which is, that they refer to the latter portion of the reign of Muhammad Tughlak, and illustrate a somewhat complicated and transitional stage of the currency, more especially in the matter of the double silver standard created by the Sultán's introduction of the new *'adah* of 140 grains, which he himself seems to have again superseded by the approximate weight of the old *tanka*, in his silver mouey of 734 A.H.

¹ My first impression, in 1847, led me to say that the *kani* was probably the *ital* of Ferishtah (Pathán Sultans, 1st edit., p. 61), and so it has proved, though the statements of the earlier native authorities had cast a doubt upon Ferishtah's accuracy, which his own confusion or ignorance as to the nature of the *ital* itself was not calculated to remove. The original passage is quoted from Bigge's Translation at p. 158, *supra*. "As the spoken languages of the Peninsula enabled us to restore the true meaning to the misinterpreted Sanskrit *lavsha*, so the Dravidian tongues readily explain the term *kani*, which finds no place in Aryan vocabularies, but which was incorporated into the vernaculars of Hindustán during the southward migrations of the Scythic tribes. In Telugu, *kani* means $\frac{1}{16}$, or one quarter of a sixteenth (Brown). In Canarese, $\frac{1}{16}$ (Reeve), and in Tamil $\frac{1}{16}$ (Winslow). Wilson's Glossary gives *kani*, corruptly, *money*. Tel. Tam. Kann. $\frac{1}{16}$, or sometimes $\frac{1}{32}$." Mr. W. H. Hoyley, late Madras C.S., tells me that in modern books, and in the everyday practical measurement of land or other linear calculations, the *kani* is invariably estimated at $\frac{1}{16}$. The *do-yani* or *doodee* is still quoted in the Madras almanacks.

(Coin, No. 188; weight, 168 grs.). Though no very definite conclusion, as to the effect ^{*} upon the general circulation, can be drawn from the appearance of this silver piece, which may have been the result of a momentary whim, and there is, it must be confessed, a marked absence of any other representative silver coins, whether *tankahs* or '*adals*,' during the concluding eighteen years of Muhammad Tughlak's reign, though gold of the old standard of 175 grains was freely issued.

THE STATE COINAGE AND ITS INTERCHANGEABLE RATES UNDER
MUHAMMAD BIN TUGHLAK.¹

1 Kāni	= 1 Jītal.
2 „	= Do-kāni or <i>Sultāni</i> .
6 „	= Shash-kāni, $\frac{1}{2}$ of Hasht-kāni.
8 „	= Hasht-kāni.
12 „	= Duwāzdah-kāni.
16 „	= Shānzdah-kāni
64 „	= 1 Tankah
64 Kānis	= 1 Tankah of 175 grs. pure silver.
32 Do-kānis	= 1 Tankah of 175 grs. pure silver.
8 Hasht-kānis	= 1 Tankah of 175 grs. pure silver.
4 Shānzdah-kānis	= 1 Tankah of 175 grs. pure silver.
The Kāni exchanged against 4 copper <i>Fals</i>	} So that, the full change, in copper pieces, for the Tankah, amounted to 256.
„ Do-kāni „ „ 8 „	
„ Hasht-kāni „ „ 32 „	

¹ The coinage as amplified and extended under Firūz Shāh. (The text of Shams-i Sūāj, which furnishes these details, will be found under Firūz's coins.)

64 Kānis = old Tankah of 175 grs. 50 Kānis = new 'Adah of 110 grs.

The irregular sub-divisions of the concurrent Tankah of 64 and 'Adah of 50 Kānis are as follows — 1 Kāni, 2, 6, 8, 10, 12, 24, 25, and 48. The 16 Kāni piece is not quoted in the later list. The 10, 24, and 48 Kāni pieces seem to have been additional sub-divisions introduced by Firūz Shāh. The 25 Kāni piece was probably only the old Nisān or half 'Adah of Muhammad bin Tughlak. Firūz Shāh also claims to have produced for the sake of the poor $\frac{1}{2}$ Kānis and $\frac{1}{4}$ Kānis, in mixed copper and silver, I presume, as the 4 Fals already supplied any broken change below the single Kāni or Jītal.

The most striking item disclosed by the details of the above table is the essentially indigenous character of the divisional contents of the *tankah* and its analogous fractional sub-divisions, both of which follow the ancient Indian quaternary scale of numeration in all its integrity. *Fives* and *tens* are here positively unknown quantities, and decimals of no account.

Altamsh was supposed to have recognized, in a general sense, the existing local standard, but it would seem that he must have adopted the prevailing monetary institutions, weights, measures, etc., *en bloc*, and that these remained undisturbed till 'Alá-ud-dîn in the first instance, and Muhammad bin Tughlak in the second, gained new and enlarged views, associated possibly with other Indian traditions, during their expeditions to the Dakhan. The retention by Altamsh, so unreservedly, of local systems of reckoning in the minor sums up to the measure of the *tankah*, would seem necessarily to imply that the latter weight itself formed a definite unit, both theoretically and practically, in the pre-existing monetary computations. This is a concession which could not previously have been claimed, as Altamsh might have been supposed to have retained a leaning to Ghaznavi standards, and the new *tankah* might well have stood for a double *dirham*. The turning point, however, in this identification depends mainly upon the authentic weight of the true Indian unit, the *rati*, as recognized at the period in the exact locality of the Metropolitan Mint, and it is not impossible that the coins themselves may aid in fixing this still indeterminate quantity. The query then presents itself as to how many *ratis* of gold or silver this *tankah* was estimated to contain. The first answer within reasonable limits suggested by the progression of *fours*, in the table just given, would be

96; but it is a very singular fact that the old Tables of Weights in Manu *do* introduce a decimal element after 32 *ratas* in the silver weights, and after 320 *ratas* in the gold weightments, the latter having already felt something of the decimal action in the initial use of the 5 *ratas* to 1 *māsha*; and, finally, we have an absolute silver *satamāna* or 100 *manu* weight.¹ A very important bit of collateral evidence is con-

¹ a ANCIENT INDIAN WEIGHTS (from Manu, c viii § 134).

Silver.

2 Ratis = 1 Māsha.

32 „ = 16 „ = 1 Dharaṇa or Pūṇa.

320 „ = 160 „ = 10 „ „ = 1 Satamāna

Gold

5 Ratis = 1 Māsha

80 „ = 16 „ = 1 Suravina.

320 „ = 64 „ = 1 „ = 1 Pala or Nishka.

3200 „ = 640 „ = 40 „ = 10 „ „ = 1 Dharaṇa.

Copper

80 ratas = 1 kārshāpana.

b The subjoined table of weights is valuable for the purposes of comparison, as possibly owing its origin to an independent section of Indian progress. It has been preserved in the *Atharva Pariśiṣṭa*, a work supposed to date some centuries B.C., where it is expressly stated to be designed for the weightment of *ghṛi*, or the clarified butter employed in the sacrificial rites of the Brahmans.

Among other curious items, the text records the fact that the assumed *unit* in the descending scale was the *drana*, a measure for which a divine origin is claimed, as having been “given of old by Brahma himself.”

5 Ratis = 1 Māsha.

320 „ = 64 „ = 1 Palam.

10,240 „ = 2,048 „ = 32 „ = 1 Prastham.

40,960 „ = 8,192 „ = 128 „ = 1 „ = 1 Atkama.

163,840 „ = 32,768 „ = 512 „ = 16 „ = 4 „ = 1 Droṇa

—Über den Veda kalender, Namens Jyotisham, von A. Weber, Berlin (1862), p. 82.

This table is highly interesting, not only on account of its antiquity, which probably approaches that of the parallel tables from Manu, but for the indications of a combination of two independent systems of calculation which it discloses. I gather from the text quoted by Professor Weber from the *Atharva Pariśiṣṭa*

tributed by the subsequently-devised '*adaha*, whose weights are much more closely defined both in the beautiful silver coins of Muhammad bin Tughlak, and in the better speci-

(Tjottsh, *Abhandlungen der Kgl. Ak. der Wis.*, Berlin, 1862, p. 82), and other illustrative items he has collected from the early Sanskrit authorities (*Zeitschrift* (1861), p. 129), that the *dana* "measured by Brahma," and the *pala*, stated to be $\frac{1}{12}$ th of the former, in the same passage, were weights affected by the Vedic Aryans, the *pala* alone is mentioned in the Nirukta, and the *madshaka* is not found in any texts "supposed to be" authentically Vedic, while in the slokas which furnish the details of the present table, the *prastha* is directly and the *sthaka* (*adshaka*) indirectly pronounced to be a Magadha weight. It will be seen that the table is identical in its details, in the ascending scale, with the series of gold weights from Manu, up to the *pala* or *nishka*, when the Indian *poets* reassert themselves in the progressive advances, in lieu of the *ten palas*, which constitute the next increase in the earlier scales for the measure of gold.

I have collected the subjoined tables from various sources, with a view to illustrate more completely the general subject of Indian weights.

c. TABLE OF INDIAN WEIGHTS (from Bâbar's Memoirs, p. 332).

8 Ratis =	1 Mâsha
32 " =	1 Tang
40 " =	1 Miskâl
96 " =	1 Tolah
1314 " =	168 " = 14 " = 1 Sir
53760 " =	6720 " = 560 " = 40 " = 1 Man.

"And it is fixed that everywhere 10 Sir make one Man. They reckon jewels and precious stones by the Tang." See also note, p. 16, Ain-i-Akbari, Blochmann's translation, Calcutta, 1868, and text, pp. 31, 36.

d. Kashmir weights, from the Ain-i-Akbari, n. p. 156, Gladwin's edition —

1 Tolah = 16 *moshas* of six *ratis* each, or 96 *ratis*.

1 Gold *muhru* = 16 *damas* of six *ratis* each, or 4 *ratis* more than the Dehli gold *mohur*.

Rabsasnu is a small coin of 9 *mâshas* or 54 *ratis*.

Punchie is a copper coin in value $\frac{1}{2}$ *ddin*, also called *kussereh*.

✓ *Burahgana* is $\frac{1}{2}$ the *puncher* or $\frac{1}{2}$ *ddin*.

Shukh is $\frac{1}{4}$ *burahgana*.

4 *Punchers* or *kusserehs* = 1 *hut*.

40 " " = 1 *sasnu*, and $1\frac{1}{2}$ *sasnu* = 1 *sikhah*.

✓ 100 *Sasnu* = 1 *lûk* = 1000 royal *damas*.

Every coin and even manufactures are estimated in Kharwars of 1000. . . .

mens of the brass tokens which were designed to replace these 50 *kānu* pieces in the general circulation.

These coins, as a rule, touch very closely upon the exact 140 grains, and it is scarcely possible to doubt that this weight represents the 80 *ratī* gold *surarna* equally with the copper *kārshā* of Manu's Tables, the copper *ket*, the authoritative unit of the ancient Egyptians.¹ If the former association is conceded, my estimate of the *ratī* at 1.75-grains falls in with singular evenness; for the 'ulāh, $80 \times 1.75 = 140$, for the silver *tankah* or *ṣataraktika*, $100 \times 1.75 = 175$.² I do

They have a weight of 2 *dāms*, called *puṭ*, and they also make use of the half and quarter of this weight, $7\frac{1}{2}$ of these *puṭs* make 1 *śū*, 4 *śūs* a *man*, 4 *mans* 1 *turāḥ*.

ii page 196, "Coins of Kabul 18 *dirr*, = 1 *tuman*, which = 800 *dāms*."

† TABLE OF INDIAN AND OTHER FOREIGN WEIGHTS, from the *Maṣṭ Kūṭub*

1 جو <i>jao</i> (यव) barley-corn	= 1 حبة <i>habbat</i> , 'a gram, a seed.'
1 نَسُو <i>tasū</i>	= 2 حبة ,,
4 جو barley-corns	= 1 كرات <i>kirāt</i> (κεράτιον) Carob.
8 حبة ,,	= 1 دانق (دانیق) <i>dāng</i> ($\frac{1}{16}$ lb).
18 جو ,,	= 1 درهم (درهم) <i>dirham</i> .
68 حبة ,,	= 1 مثقال <i>misqāl</i> ($\frac{1}{24}$ lb).
306 حبة or 1 $\frac{1}{2}$ مثقال	= 1 أستار <i>astār</i> , سر <i>sir</i> (सेटक)
510 حبة or 7 $\frac{1}{2}$ <i>misqāls</i>	= 1 أوقية <i>aukiat</i> (ounce).
6120 حبة or 12 <i>aukiat</i>	= 1 رطل <i>ratl</i> (pound).
12240 حبة or 24 <i>aukiat</i>	= 1 من <i>mann</i> .

See also variants in *Xin-i-Akbari*, Blochmann's Calcutta edition, p. 36.

¹ R. S. Poole, "Weights and Measures."—Smith's Diet Bible

² See *ante*, pp. 3, 167. Sir W. Jones rated the *ratī* at $1\frac{1}{16}$ of a grain. Gen. Cunningham's estimate of the weight of the *ratī* is 1.8229 grains, Mr. Mackelvey's 1.85.—*Initial Coinage of Bengal* p. 9

Sir W. Elliot, in answer to my inquiries as to the assimilation of the Southern

not wish to claim this coincidence for more than it is worth, as it is but one link in a long chain, and the primitive weights of India had no doubt already been largely modified in different localities, and were somewhat advanced in their progress towards the extraordinary multiplicity of provincial standards, that so offend against the English idea of uniformity at the present day. Concurrently with the development of the *'adali*, in which a reduction of $\frac{1}{3}$ th, or 20 per cent., upon the old *tankah* of 175 grains, was effected, there appears a new gold piece, which is raised in weight above the old gold *tankah* of 175 grains by $\frac{1}{3}$ th, or about $14\frac{1}{2}$ per cent., forming a coin of 200 grains, specially designated on its surface as a *dīnār*.¹ This particular type of coin was destined to have but a brief career, as the dates 725, 726 A.H., and a single speci-

systems with the data afforded by the Dehli coins, has favoured me with the subjoined note on the subject — "I have never met with a coin answering to the *tankah* of 140 or 175 grains. The largest pieces I know range between 55 and 60 grains, generally about 58 grains (but I have one of 66·9 grains). They go by the name of *tankahs*, as "*pudma-tankah*," "*varāha-tankah*," etc. Some of them are figured in my *Gleanings* (figs. 28 and 33 of No. 1, and figs. 1 and 2 of No. 2). This bears no apparent relation to your *tankah*. The Dravidian *pon* I take to have weighed 24 or 30 grains, and these Southern *tankahs* I suppose to be *double pons*. This is borne out by the old arithmetical tables, in which accounts are still kept.

2 *gunjās* = 1 *dagala* (= $\frac{1}{2}$ *fanam*).

2 *dagalas* = 1 *chavala* (= the *panam* or *fanam*).

2 *chavalas* = 1 *d'harama*.

2 *d'haramas* = 1 *lion* (= the *prātāpa*, *māda* or $\frac{1}{2}$ *pagoda*).

2 *lionas* = 1 *varāla* (= the *hun* or *pagoda*).

The *gunja* or unit (= $\frac{1}{2}$ *fanam*) is the *śata* or Sanskrit *śaktika*, the seed of the ahus. I have weighed numbers of these, and found them to vary from $1\frac{1}{2}$ to 2 grains, or even more, a fair average would be $1\frac{3}{4}$ grains. Jarvis (weights of the Konkan) and Prinsep, deducing the relative weights from the *nash*, make it 1·93 grains. But taking my average of 1·75 grains, we get your *tankah* or *sat-śaktika* = 100 *śatis*, exactly 175 grains."

¹ Some of these coins are in very perfect condition, so to say, new from the dies, so that the weight may apparently be relied on. The half *diṇḍi*, No. 177, at 99 grains, is a minor test of the true issue weight.

men of 727 A.H., are all the examples that can be cited from the ten or twelve specimens accessible in modern cabinets; but the same weight is preserved in the varied type of coin Nos. 173, 174. The change in the form of these pieces seems to have been made upon artistic and mechanical grounds, and not to have had any reference to weights or values.¹ Some of these latter specimens are met with, ranging as high as 199 grams, coined in the course of 727 A.H., but rapidly deteriorating in weight, till examples of the same year's issue fall to 188, 168, and even to the ignominious 137 grains, which, however, may, each and all, have suffered from the sweater's abstractions.

One coincidence in the scale of the minor subdivisions of the silver standard must not be passed over in silence, as it evidences a singular concession to ancient custom, in the weights assigned to Muhammad bin Tughlak's small silver pieces, Nos. 189, 190, 193, 194. The annual dates on these varieties, taken in broken order, cover a period of fourteen years, less the temporary break due to the forced currency²

¹ "I had previously noted the motives for this change, which extended to the silver pieces of the same epoch. The years 727-728 A.H. present us with fresh modifications both in the types and legends of the recently revised coinage of Delhi. The examples, gold 173, silver 189, exhibit the same degree of design and accuracy of execution that mark the earlier efforts of Muhammad bin Tughlak's mint artists. The form of coin now adopted was probably held, in many respects, to be an improvement upon the broad pieces antedecently put forth, as under the Oriental method of preparing the *planchets* (blanks), the equable division of each could be effected with far greater facility when cut from a narrow bar than when divided into the thin plates necessitated by the ingot of the larger diameter, calculated for the broad coins. In addition to this advantage, the smaller size of the dies, and the diminished depth of the engraving of the fine lines of the legends, demanded less labour, in the process of striking, to produce a perfect medal, than was required to complete the impression of the broader and coarser coin of earlier days"—*Pathán Sultans*, Suppl., Nwa. Chonp., p. 17.

² A.H. 725, 726, 727, 732, 733, 734, 735, 736, 737, 738, 739.

There can be little question, whatever may be held to be the true weight of the *rati*, that we have in these pieces the medieval representatives of Manu's 32 *rati* silver *purāna*, or the successors of the earliest description of money prior to the introduction of the art of coining, the punched dominoes of silver, which aided the first step beyond barter, among the pre-Aryan Indians.¹ Fifty-six or fifty-seven grains will not divide evenly either into 175 or 140, but *ten* such pieces of 56 grains, being 1·75 grain to the *rati*, exactly answer to the old silver *satamāna* of 320 *ratīs* (560 grains), of which mention has already been made; and, curious to say, the silver piece itself, allowing for a fractional depreciation in the metal, represents the value of 80 copper *fuls*, as they are stated to have exchanged with the other subdivisions of the *tankaḥ*. The 20 *kīṇi* piece,² thus retained in the general scheme of the Quaternary distribution of the silver coinage, and for which a counterpart was provided in the forced currency, may once have belonged to an independently devised system; but both the 32 and the 80 *ratīs*, the advance of 16 upon 24, identify it closely with ancient calculations, and especially with the progression to the 80 *ratīs*, in the Gold and Copper Tables of Manu, which formed alike the gold *suvarṇa* and the copper *karṣapāna*.

Having completed the review of comparative weights, it remains to test and ascertain values. The new '*adāṣ* or 50 *kāṇi* pieces are, to all appearance, composed of less pure silver than the old *tankaḥ* of 64 *kāṇis*. This depreciation may have been intentional or otherwise,³ but it looks as if it

¹ Earliest Indian Coinage, Numismatic Chronicle, vol. II., N.S. (1864), p. 265, Journal As. Soc. Bengal, vol. XLIV (1865), p. 58.

² As 176 64 56 20·48

³ Some of Ala-ud-dīn's silver pieces seem to fall off from the old standard of

had been designed to meet some alteration in the other exchanges. Coincident with the production of *'adulis*, mention is made for the first time of *shashkhānis*, or pieces of six, which Shaikh Mubārak intimates were useful in exchanges, and perhaps designed for the purpose of settling uneven payments, being, as he remarks, † of the established *hasht-hīni*, eight of which, as their name implies, went to the 64 *kāni tankah*.¹ These *shashkhānis* would not run in even sums, either into 64 or 50, though they made a second division of 8 into 48, a total seemingly of some prominence in the *bāzās*, as Fīrūz Shāh subsequently provided a distinct denominational coin for that amount. The *hashkhānis* appear previously to have formed a very important element of the general currency;² they were composed, like so many of the

white silver, his Dakhn gold, on the other hand, is unpleasantly white. See coin No 131, *ante*.

¹ Le lakh vaut cent mille tankah سنكه et le tankah huit dirhams —Not. et Extr. xii. 182.

² I have to correct my reading of the passage from Ibn Batutah, quoted at page 17 of my *Initial Coinage of Bengal*. I now see that the conventional rate of exchange of gold and silver in the later period of Muhammad bin Tughlak's reign was 1 : 10. Ibn Batutah in other places (ii. 76, iii. 106, 187) distinctly sets this question at rest, even if Shaikh Mubārak did not inferentially confirm the fact (Not. et Extr. xii. 211, 212). The concluding portion of the passage from Ibn Batutah is as follows —

الدینار الفضة هو ثمانية دراهم ودرهمهم كالدرهم المفرد سوا

"Celui-ci [le dinār d'argent] vaut huit drachmes, et leur drachme équivaut absolument à la drachme d'argent" (vol. iv. p. 210). I was misled by the use of the word *dīnar*, which is so specially reserved for the gold pieces in the Delhi coinages, into supposing that the passage had reference in some obscure way to the rate of gold to silver, but further examination proves that Ibn Batutah had an odd way of applying the term *dīnar* as دينار دراهم, etc. (iii. 251, 387, 422).

(See also Col Yule's summary of Ibn Batutah's notices of money in his excellent work on "Cathay and the Way thither," p. cxxliii.). All Ibn Batutah appears to mean is that the *dīnar* of silver (i. e. *tankah*?) is equal to 8 *dirhams* (*hashthāni*), and their *dirham* is identical in form with the silver piece. But considerable doubt must still

indigenous coins of historic sequence, of a mixture of silver and copper in the proportions requisite to represent the value of $\frac{1}{16}$ th of a *tankah*, and are specifically described by the western travellers as identical in weight and partially in appearance with the silver coin itself. They may be identified with some of the examples of No. 182, the intrinsic contents alone determining the value in each case, so that the pure silver coins stamped with the same dies¹ arc, doubtless, revised forms of *'adals*, equally as their more extensively alloyed associates may be found to answer to the value of a *shashkânî*. This modification in the form of the *'adals* took place simultaneously with the alteration in the

exists in the true meaning of the passage, inasmuch as an almost counterpart statement in the *Masâlik al Ahsân* adds the *silver dirham* "of Egypt," "Le *dirhem hashkânî* a le même poids que le *dirhem d'argent* الدرهم المبرق *que a cours en Egypte et en Syrie. La valeur de l'une et l'autre pièce est la même*" M. Quatremère adds, "Le texte porte حوارد حوارد *Je lis جواز جواز*"—Not. et Extr. vol. xvi. p. 211. I may remark that Shaikh Mubârak, if M. Quatremère has rightly apprehended the passage quoted below, also designates the full *dirham* or *'adals* as a current *dinar*. This irregular use of the word is in so far justified by local usage that we find Zia Dam saying—وحدین طمی

دینار زر و نقره و حوشکیای بر نگه زر و نقره (Culeatts text, p. 143). A difficulty has been felt in regard to the apparent inconsistency of Shaikh Mubârak having estimated the *dinar* or silver *dirham* at 6 *dirhams*, I conclude *hashkânîs*. M. Quatremère's translation is as follows "800 *Toumân*, dont chacun vaut 10,000 *dinars* courants et le *dir* 6 *dirhems* en sorte que cette somme se montait à 8 millions de *dinars* courants ou 48 millions de *dirhems*" (Not. et Extr. viii. 194). I suppose that the current *dînar* here meant was the *'adals*, or its then representative, which, excluding fractions, would run, in a rough calculation, about *six* *hashkânîs*, or 48 instead of the 50 *kânîs* required in the 140 grain silver piece. So also some confusion in the statement of nominal equivalents may have arisen from the 8 *shashkânîs*, that would have equally amounted to 48.

¹ The proper *'adals*, No. 180, which are broad pieces, date in 725, 726, 727 A H Nos. 181, 182, which are thick coins, take up the succession, and contribute the annual records of 727, 728, 729, 730 A H

gold pieces already averted to, and seemingly for similar objects, *i.e.* of securing less irregularity in the separation of the exact weight of silver required for each coin, from the bar or rod, into which the metal was fashioned, and facility of stamping, in the reduced size and relief of the letters of the legends¹ I may repeat, that the entire scheme of the sub-divisional currency intervening between the pure silver piece and the copper coin, proceeded upon the plan of mixing silver and copper in the definite proportions required for the several intrinsic values. These alloys were formed into coins identical in weight, shape, and device, so that buyers and sellers had in each case to determine by the eye and the hand the value of the piece tendered in payment. A state of things unconceivable to European ideas, but practically involving but little difficulty among the natives of India,² even if the ever-ready money changer were not within call.

These numismatic details, aided by the information contributed by the African travellers, enable us to set at rest the real import of the passage in the *Tabâkat-i-Akbârî*, which *Ferishtah* so strangely perverted,³ and which led General

¹ Abu'l Fazl tells us that the metal was "cast into round ingots," in *Hindûstân* the workman, without "such machine" as they require in Persia, cuts the sections "with such exactness that there is not the difference of a single hair"—*Âin Akbarî*.

² "Practical men can discover from the colour of the compound which of the alloys (lead, tin, or copper) is prevailing."—*Âin-i-Akbârî*, Blochmann, i. 22. *Gladwin* i 16

³ In referring to the early profusion of Muhammad bin Tughlak, and the enormous sums he is reported to have squandered in gifts and pensions, *Ferishtah* incidentally alludes to the intrinsic value of the money of this monarch, affirming that, "Nizâm-ud-dîn Ahmad Bakshah, surprised at the vast sums stated by historians to have been lavished by this prince, took the trouble to ascertain, from authentic records, that those *tanukahs* were of the silver currency of the day, in which was amalgamated a great deal of alloy, so that each *tanukah* only exchanged

Briggs to assert that the silver *tankah* of Muhammad bin Tughlak was "worth only about 4*d.* instead of 2*s.*" The true reading of the original is to the effect that the *tankah* of this period was slightly alloyed with copper, so that it was only worth eight *black tankahs*. Eight *shashlânis* would, in effect, be equal to 48 *lânis* of real silver, or, admitting the alloy, to an *'adâh* of 140 grains. This rectification is of very considerable importance, as it determines within certain limits the value of the *black tankah* at about 16·4 grains of silver, or 2½ pence, a definition which will prove highly useful in estimating the worth of the subsequent issues of the Sultâns of Delhi. Under the new aspect of the inquiry now presented, I must not fail to amend my own suggestion at page 117, as to the possible identification of *black tankahs* with any of the moderately alloyed silver pieces of the generic name minted in Bengal or Hindûstân.

The *shashkâni*, if it exists in the composite form of mixed metal, seems to have been but little affected by the people at large, and probably remained for a long time more of a theoretical than a practical benefit. As far as can be seen, no

for 16 copper *pie* (making a *tankah* worth only about 4*d.* instead of 2*s.*)"—
Bugg's *Ferishah*, i p. 410.

The Persian text of the original passage is as follows:—

چنانچه نظام الدین احمد بخشی تحقیق کرده مراد ازین نکه نقره
است که پاره مس هم داشت و یکی از آن تنکهارا سارده پول مس
مبدادند
واضحی باشد که مراد ازین نکه نکه نقره است که پاره از مس هم
داشت و بهشت نکه سباه برادر است

Tabâkat-i-Akbani, MS. B. I. Library, No. 997, p. 75.

Nizâm-ud-dîn Ahmad, a portion of whose text is reproduced verbatim in the copy, instead of saying anything about copper *pieces*, simply states that the current *tankah* was equal to eight *black tankahs*.

provision was made for its substitute in the forced currency of 730 A.H.,¹ though the *hashthānus* are common enough. It will be seen hereafter that Fīrūz Shāh claims to have invented the *shashkāni*, which would also imply that the number coined in the previous reign must have been to a certain extent limited. One novelty for which Muhammad bin Tuğhlak claims credit was the *dokāni*, or piece of two *lānus*,² which Shākh Mubārak mentions was entitled after its royal deviser, *Sultān*. This must have been a highly useful coin, "four going to the *hashthān*, three to the *shashkāni*;" and, finally, our translators concludes, "Une pièce qui est la moitié du dirhem Sultani se nomme يکانی pièce d'un et vaut un حسل." The counterpart of which legend is to be found on Gen. Cunningham's coin, No. 207.

A point of considerable importance in the history of the monetary transactions of this period is the relative values of gold and silver. *The standard*, if any distinct conception of its meaning, as we understand it, existed at all, seems to have been based upon the primitive copper currency, which was of such universal distribution as to be confessedly less liable to fluctuation than gold or silver. Certainly, in Akbar's time, when theory was more distinctly applied to the subject, copper was established as the authoritative basis of all money computations.³ Silver in its turn, next to copper, was necessarily most fixed and determinate in value,

¹ At one time I imagined I had discovered a token *shashkāni*, as the six dots of the شش seemed to be unquestionable, but as the second set of . may be intended for the marks of the final بی in *lānu* I do not think it safe to quote a single specimen. The initial *h* ه takes the form of *h* ه.

² The Arabic word quoted, in all its imperfection, by M. Quatremère is الدکانه. There can be little question as to the correct restoration

³ *Āin-i-Akbarī*, i. 3, 4, 37, etc., Num. Chron. iv 118, Ovid. Fast. i. 220; Lucretius, v. 1275, Madden, Jewish Coinage, 278.

whereas gold, from its comparative rarity, and the anxiety with which it was sought for at all times in India, whether for the purposes of hoarding¹ or the construction of ornaments, rendered it peculiarly liable to be affected by the laws of supply and demand. I am still sanguine enough to believe that the newly-devised gold and silver money, with which Muhammad bin Tughlak inaugurated his reign, will enable us to determine from the relative scale of proportions the actual rate prevailing at this period. It is true that the margin is wide, and the figures involved contribute more than one sum consistent in the several relations, but the predominance of evidence points clearly to 8·1 and 7·1. I do not in any way contest the fact that there is evidence to show that ten silver pieces exchanged against one of gold later in this reign, but this concession by no means implies that the ratio of the two metals was as 10·1. As has been said before, there is considerable obscurity in the narrations of the western travellers in regard to the definition of *dirhams* and *dinārs*. About the old *tankals* no possible question can arise, whether of gold or silver; they followed the same identical weight of 175 grains.² We have seen that

¹ The author of the *Masālik al-Aḥsān* has preserved a curious contemporary notice of this custom of the natives of India in Muhammad bin Tughlak's time "Les habitants d'Inde ont la réputation d'aimer à amasser des richesses et à thésauriser. Lorsque l'on demande à l'un d'eux combien il possède de bien, il répond : Je ne sais pas, mais je suis le second ou le troisième de ma famille, qui travaille à accroître le trésor que mon aïeul a déposé dans telle caverne, dans tel puits, et s'ignore à combien il se monte. Les Indiens ont l'usage de cacher des puils pour y renfermer leurs trésors. Quelques-uns pratiquent dans leurs maisons une excavation en forme de citerne, qu'ils ferment ensuite avec soin, n'y laissant que l'ouverture nécessaire pour y introduire des pièces d'or. C'est là qu'ils accumulent leurs richesses. Ils ne reçoivent point l'or travaillé, bisé ou en lingots, dans la crainte de la fraude, ils ne prennent ce métal que monnayé" (xiii. p. 218).

² The *Tabākat-i-Nāṣiri* speaks of—تنکة زر و بقره (p. 162), نسکه های زر سنج.

the Sultán borrowed these foreign terms and introduced them for the first time into the mint phraseology of Delhi, the one as applied to the 200 grain gold piece (No 171), the other as engraved on the tokens of the forced currency, which I suppose to have represented the early *'aduli* of 140 grains of silver (No 202).

The leading motive in these exceptional issues, and the subordinate readjustments consequent thereupon, seems to have been the utilization of the stores of gold which filled the Sultán's treasuries; and without proposing to introduce a definite gold standard, which, under the surrounding circumstances, would doubtless have proved impracticable, he appears to have aimed at a large expansion of the currency of the land by direct means, associated with an equitable revision of the basis of exchange between gold and silver, which had been disturbed by the large accessions of the former from the Dakhan, unaccompanied by any proportionate addition to the supply of the latter.

The early Pathán kings, judging by their numismatic remains, put forth gold in very limited quantities, and merely

(p 184), تنگه نمره (315), and carefully discriminates the contrast of the term هزار دینار زر رکنی (pp 372, 391, Calcutta text) (p 167) دینار

The Khazáin ul Futúh of Mir Khusrú makes play upon the various forms—
ننگه زر و سیم و تمکهای سرخ و سپید چون کل صوری و صد برکت بوبرتو
نهاده برآزان جامهای کوباکون etc

تنگه زر و تنگه نقره دای و لفظ—Zia Barni also varies his phraseology—
تمک و چمنل, (p 118, also pp. 130, 492) چمنل از زبان او بیرون بیامدی
(pp. 137, 247), دنگ (p 312), دنگت و درم (p. 469).

As late as the time of Kaikobád foreign *dinārs* seem to have been retained in the coined state—
نقره برسر پدر و پسر نثار کردند (Calcutta edition, p 143)

as an adjunct in complement to the more abundant *silver tankahs*. Alá-ud-dín's plunder of the Dakhan, with its immemorial wealth of gold, is associated with a correspondingly ample increase of *gold tankahs* for home use. This influx of the higher metal, aided by the later contributions of Káfúr¹ and Khusrú from the same sources, indicated in the mintages of succeeding reigns, may well have disturbed the ancient relations of the two metals. I had estimated the relative values as about 8:1, without pressing the assumption that this rate represented the normal and immutable condition of things, but as a once existing and possibly recurring ratio.² Col. II. Yule, who has investigated these questions from an independent point of view, by the aid of the written testimony of Marco Polo and other western travellers in the East,³ has suggested a probable fall in the value of gold, at

¹ Ferishtah, in mentioning Káfúr's plunder, brought to Delhi in 711 A.H., amounting to 96,000 *mans* of gold, which was "melted down, coined, and lodged in the treasury," adds, silver was not used as a coin in the south.—Briggs, i 371. The *Masálik al-Absar* also notices "un des prédécesseurs de ce Sultán ayant fait de grandes conquêtes, enleva des pays vains une telle quantité d'or qu'il en chargea 12,000 burufs."—Not et Ext. xin. 218.

² Initial Coinage of Bengal, p. 16, J.R.A.S., N.S., vol. ii p. 160, Marco Polo, cap. xxviii.

³ Col. Yule, however, in insisting upon the 10:1 as the *normal* rate, has to do great violence to probabilities in claiming so sudden a change as that from 10:1 to 7:1, within a comparatively brief period, and attributing it to the influx of gold from the south, which in truth commenced with Alá-ud-dín's conquests in 693 A.H., or some thirty years prior to the accession of Muhammad bin Tughlak. The intermediate reigns show a well-maintained proportion of gold to silver in extant examples, and we hear of no particular accession of southern gold as the result of Fakhr-ud-dín Júná's command in that direction during his father's lifetime. Col. Yule remarks—"It has occurred to me as just possible that the changes made by Muhammad bin Tughlak in the coinage may have had reference to the depreciation of gold owing to the 'great Dekhan prize money' of that age. Thus, previous to his time, we have gold and silver coins of equal weight, and bearing (according to the view which has been explained) a nominal ratio of ten to one. Muhammad on coming to the throne finds that in conse-

the period of Muhammad bin Tughlak's accession, to a proportion as low as 7.1; and, singular to say, these two scales, viz., 8.1 and 7.1, are those which most consistently fall in with and explain the figures in the subjoined table, and lead to the preferential conclusion that at the moment of revision the old rate of 8:1 had sunk to 7.1, and had been provided for accordingly. It is not necessary to define *when* this change came about; it is sufficient to say that the fact was officially recognized on the occasion of the reconstruction and remodeling of the coinage undertaken in 725 A.H.

TABLE OF EXCHANGE RATES OF GOLD AND SILVER COIN IN INDIA.

Conflicting Scale, on the Accession of Muhammad bin Tughlak.

GOLD		SILVER	
7:1—175	$\times 7=1225=$	{ 7 old silver pieces ($7 \times 175=1225$).	
		{ 9 new " " ($9 \times 140=1260$).	
8:1—175	$\times 8=1400=$	{ 8 old " " ($8 \times 175=1400$).	
		{ 10 new " " ($10 \times 140=1400$).	
10:1—175	$\times 10=1750=$	{ 10 old " " ($10 \times 175=1750$).	
		{ 12.5 new " " ($12.5 \times 140=1750$).	
12:1—175	$\times 12=2100=$	{ 12 old " " ($12 \times 175=2100$).	
		{ 15 new " " ($15 \times 140=2100$).	
14:1—175	$\times 14=2450=$	{ 14 old " " ($14 \times 175=2450$).	
		{ 17.5 new " " ($17\frac{1}{2} \times 140=2450$).	

Revised Scale, introduced to meet the fall in gold

7:1—200	$\times 7=1400=$	{ 8 old silver pieces ($8 \times 175=1400$).	
		{ 10 new " " ($10 \times 140=1400$).	
8:1—200	$\times 8=1600=$	{ 9 old " " ($9 \times 175=1575$).	
		{ 11 new " " ($11 \times 140=1540$).	
10:1—200	$\times 10=2000=$	{ 11 $\frac{1}{2}$ old " " ($11\frac{1}{2} \times 175=2000$).	
		{ 14 $\frac{2}{5}$ new " " ($14\frac{2}{5} \times 140=2000$).	
12:1—200	$\times 12=2400=$	{ 13 $\frac{1}{5}$ old " " ($13\frac{1}{5} \times 175=2400$).	
		{ 17 $\frac{1}{10}$ new " " ($17\frac{1}{10} \times 140=2400$).	
14:1—200	$\times 14=2800=$	{ 16 old " " ($16 \times 175=2800$).	
		{ 20 new " " ($20 \times 140=2800$).	

quence of the great influx of gold the relative value of that metal has fallen greatly, say to something like seven to one, which as a local result where great treasure in gold had suddenly poured in, is, I suppose, conceivable. He issues a

On previous occasions, where I have sought to discover, from the internal evidence of the coins themselves, the object proposed in the changes they bore testimony to, I was misled by the supposition that the 140 grain silver piece was an innovation of Muhammad bin Tughlak's own conception, devised and given effect to simultaneously with the production of the novel 200 grain gold *dinár*. I now see from the passage in the *Khazáin ul Futúh*, quoted at page 247, that this coin was the invention of Alá-ud-dín Muhammad Sháh (No. 14 of the general list), designed apparently to aid the general scheme of reduction of the pay of the troops.¹ Whether any partial or complete mintage of such money ever took place, we need not stop to inquire; but the act of recognizing the existence of such a theoretical measure of value at once reduces the absolute innovations of Muhammad bin Tughlak to the single item of the new gold piece, and leaves us the more simple task of detecting the motive of a single modification, instead of entering upon the complications of a double variation in the leading representatives of gold and silver coin. At the rate of 8.1, as will be seen from the figures given above, *eight* old silver *tanka's* and *ten*

coinage which shall apply to this new ratio, and yet preserve the relation of the pieces as ten to one. This accounts for his 200 grain gold and 140 grain silver pieces. Some years later, after the disastrous result of his copper tokens, the value of gold has risen, and he reverts to the old standard of 175 grains, leaving (as far as I can gather) the silver piece at its reduced weight. At the exchange of ten silver pieces for one of gold, this now represents a relative value of eight to one."—*Cathay and the Way thither*, p. celi

¹ "Alá-ud-dín . . . apprehensive of another invasion of the Moghuls, he increased his forces so greatly, that upon calculating the expense, he found his revenues, and what treasures he had himself amassed, could not support them above six years. In this dilemma he resolved to reduce the pay of the army, but it occurred to him that this could not be done with propriety, without lowering, proportionably, the price of horses, arms, and provision."—Briggs's *Ferishtah*, i. 355

new 'adalis went to the old gold *tankah*; in the variation of the rate from 8:1 to 7.1, a corresponding reduction had either to be made in the number of silver pieces, as the received equivalents of the existing gold piece, or a new gold piece had to be produced which should leave the old numerical rates of silver coins untouched, and this is exactly what the 200 grain *dīnār* accomplishes eight old silver *tankahs* and ten new 'adalis constitute the change for the new *dīnār*. As has been shown above (coin, No. 173), this description of piece was continued in a different form, though eventually the gold coinage reverted to the ancient standard of weight, or 175 grams. A momentary attempt was also made to revert to the old silver *tankah* in 734 A.H., but this movement does not seem to have been sustained; and thus it would appear that the 140 grain silver coins continued to hold the position of the largest silver piece supplied by the mint, and it is to these pieces we must understand the African authorities refer when they fix the rate of 10 *dirhams* to 1 gold 175 gram *tankah*, which brings us back to the previous 8·1, a rate which would be readily restored without State interference by the limitation of the supply of gold, its inevitable absorption by the masses, and the importation of silver from proximate lands, which the anomalously high rate would be sure to encourage. It would seem from the way in which Ibn Batutah reserves the name of *tankah* for the gold coins alone that no full-weight silver *tankahs* whatever were in the course of issue from the mints at the period of his residence in India; and the very curious combination of the term of ديناردرهم might almost be taken to point to the *dirhams*, which were associated in the public mind with the introduction of the prefixed Arabic name, which had been made special to the new gold coin, in supersession of the indigenous

denominations hitherto in use. So also the passage from the *Masâlik al Abâr* already quoted (p. 228), speaks of "*dinârs courants*" of six *dirhams* [*hashtkhânis*], and eight millions of "*dinârs courants* ou 48 millions de *dirhams*." These are clearly 140 grain coins, following on with the conventional جائز "current," and شرعى "legal," of Nos. 201, 202; and the distinction is further marked in the same work in the General Table of Coins, which follow the old system, and expressly designates the silver piece of 8 *dirhams* *hashtkhân*, as "*le tankah d'argent*."¹

¹ On further consideration, I have decided to reproduce the original text in its entirety, from M. Quatremère's article, in order that there may be no misapprehension as to the sources of my knowledge or the accuracy of the interpretation I put upon the data supplied. — "Surant ce que m'a raconté le scheikh Moubarak, le *lac rouge* اللك الأحمر contient 100,000 *tankah* (il en) et le *lac blanc* اللك الأبيض 100,000 *tankah* (d'argent). Le *tankah* d'or, appelé dans ce pays *tankah rouge* التكة الحمراء, équivaut à trois *mithqals*, et le *tankah* d'argent التكة الفضة comprend huit *dirhems* *heschikhans*. Le *dirhem* *heschikhani* a le même poids que le *dirhem* d'argent الدرهم المعد, qui a cours en Égypte et en Syrie. La valeur de l'une et l'autre pièce est la même, et ne diffère presque en rien. Le *dirhem* *heschikhani* répond à quatre *dirhems* *Sultans*, autrement nommés *donkani* الدكانى [do kani. No. 206]. Le *dirhem* *Sultani* vaut le tiers d'un *dirhem* *schischani* ششكاني (je lis ششكاي pièce de six), qui est une troisième espèce de monnaie d'argent qui a cours dans l'Inde, et qui équivaut aux trois quarts du *dirhem* *heschikhani*. Une pièce, qui est la moitié du *dirhem* *Sultani*, se nomme *yejani* بكاني (pièce d'un), et vaut un *dirhai* دواړهكاني [No. 207]. Une autre *dirhem*, appelé *donavzdekani* دوازدهكاني (pièce de douze), a cours pour un *heschikhani* et demi. Une autre pièce appelée *schamzadekani* ساردكاني, correspond à deux *dirhems*. Ainsi les monnaies d'argent, en usage dans l'Inde, sont au nombre de six, savoir le *dirhem* *schamzadekani* ساردكاني, le *donavzdekani* دوازدهكاني le *heschikhani*, le *schischkhani* ششكاني, le *sultani* et le *yejani* بكاني. La moindre de ces pièces est le *dirhem* *sultani*. Ces trois espèces de *dirhems* ont cours dans le commerce, et sont reçues universellement, mais aucune n'est d'un usage plus général que le *dirhem* *sultani*, qui équivaut à un quart de *dirhem*, monnaie d'Égypte et de

MUHAMMAD BIN TUGHLAK'S FORCED CURRENCY

Towards the close of the thirteenth century of our era, and during the succeeding forty years, no less than three Asiatic potentates essayed to enrich their treasuries by the issue of representative currencies. Kublai Khán, the Moghul conqueror of China, so far introduced the device, that he expanded and systematized the use of paper notes, which had very early developed itself in that empire,¹ so that circumstances were eminently propitious for the experiment, both in the precedent, the instincts of the people, and the absence of coined money in gold or silver. The latter item alone constituted, in itself, a most important element in the immediate success of the measure, as no vulgar prejudice had to be offended by the withdrawal or supercession of current money of positive intrinsic value; and the very introduction of a paper currency of graduated denominations, bearing the stamp of so powerful a monarch, aided materially in the development of commercial intercourse among the people at large.²

Syrie. Le dirhem *sultani* vaut huit fols *فولوس* (nobiles), le *dytal* *حبيل* (جبتل), quatre fols, et le dihem *hachthani*, qui correspond parfaitement au dihem d'argent d'Égypte et de Syrie, vaut trente-deux fols. Le *sil* (soll) de l'Inde, qui porte le nom de *sis* *سسر*, pèse 70 mithkals, qui estimés en dihems d'Égypte, en valent 102½. Quarante *sis* forment un *mann* *من واحد*. On ne connaît pas dans l'Inde la méthode de mesurer les grains.—Notices et Extraits, xii. 211.

¹ The introduction dates from 119 n c. II Pukes, J R A S xiii. 179. P Gaubil, quoted in Marsden, p. 357, note 677.

² The following is Marco Polo's account of the paper currency of Kublai Khán "In this city of Kanbalu is the mint of the grand Khan, who may truly be said to possess the secret of the alchemists, as he has the art of producing money by the following process—He causes the bark to be stripped from those mulberry-trees, the leaves of which are used for feeding silkworms, and takes from it that thin inner rind which lies between the outer bark and the wood of the tree. This being steeped, and afterwards pounded in a mortar, until reduced to a pulp, is made into paper, resembling (in substance) that which is manufactured from

Very different were the terms Kai Khátú proposed to inflict upon his subjects in Persia: his motive was obviously evil, and the surroundings inauspicious under almost every aspect. Many of the clauses of the *Tábríz Tehuo* edict of A.H. 693 (A.D. 1294) followed the Chinese system; but instead of

cotton, but quite black. When ready for use, he has it cut into pieces of money of different sizes, nearly square, but somewhat longer than they are wide. Of these, the smallest pass for a denier tommon, the next for a Venetian silver groat, others for two, five, and ten groats, others for one, two, three, and as far as ten bezants of gold. The coinage of this paper money is authenticated with as much form and ceremony as if it were actually of pure gold or silver, for to each note a number of officers, specially appointed, not only subscribe their names, but affix their sigrets also, and when this has been regularly done by the whole of them, the principal officer, deputed by his Majesty, having dipped into vermilion the royal seal, committed to his custody, stamps with it the piece of paper, so that the form of the seal, tinged with vermilion, remains impressed upon it, by which it receives full authenticity as current money, and the act of counterfeiting it is punished as a capital offence. When thus coined in large quantities, this paper currency is circulated in every part of the grand Khán's dominions, no one dares refuse to accept it in payment. All his subjects receive it without hesitation, because, wherever their business may call them, they can dispose of it again in the purchase of merchandise they may have occasion for, such as pearls, jewels, gold or silver. With it, in short, every article can be procured. . . . When any persons happen to be possessed of paper money which from long use has become damaged, they carry it to the mint, where, upon the payment of only 3 per cent, they may receive fresh notes in exchange. Should any businesses of procuring gold or silver for the purposes of manufacture, such as drinking-cups, girdles, or other articles wrought of these metals, they in like manner apply at the mint, and for their paper obtain the bullion they require. All his Majesty's armies are paid with this currency, which is to them of the same value as if it were gold or silver."—*Ma-hsien*, cap. xxi.

Among other substitutes for money, Marco Polo notices the use of coral in Tibet. He says "These people use no coined money, nor even the paper money of the grand Khán, but for their currency employ coral." The money or currency they make use of (in Kam-du) is thus prepared. Then gold is formed into small rods, and passes according to its weight, without any stamp. This is their greater money, the smaller is wall-cakes, on which the stamp of the grand Khán is impressed, 80 of the cakes are made to pass for a saggio of gold. In Kanan they employ for money the white porcelain shell found in the sea, 80 of these shells equal in value 1 saggio of silver.

Ibn Batutah's testimony to the success of Kublai's paper currency is as follows:

bringing a benefit, in disguise, it was manifestly fraudulent in its inception, associated with tyranny and oppression in the enforcement of its provisions, so much so, that Ghazán Khán, the nephew of the reigning monarch, refused to admit the fictitious money within the limits of his government of Khorasán. And the measure, upheld with much difficulty

"Les habitants de la Chine n'emploient dans leurs transactions commerciales ni pièces d'or ni pièces d'argent. Toutes celles qui arrivent dans ce pays sont fondues en lingots, comme nous venons de le dire. Ils vendent et ils achètent au moyen de morceaux de papier, dont chacun est au-si large que la paume de la main, et porte la marque ou le sceau du Sultan. Vingt-cinq de ces billets sont appelés *batu hi* (تالش), ce qui revient au sens du mot dinár, ou de pièce d'or chez nous. (Ibn Batutah expressly mentions that there is no charge for renewal of the worn paper.) Si un individu se rend au marché avec une pièce d'argent, ou bien avec une pièce d'or, dans le dessein d'acheter quelque chose, on ne la lui prend pas, et l'on ne fait aucune attention à lui, jusqu'à ce qu'il l'ait changée contre le *batu hi* ou les billets avec lesquels il pourra acheter ce qu'il désirera."—Ibn Batutah, Paris edit. iv. 259. (About 1315 A.D.) See also Not et Ext. xiii. 222

Du Halde, in his great work upon China, has given an engraving of one of the notes of *Hong rou* (*Tai rou*) (A.D. 1368), the founder of the twenty-first or Ming dynasty, and adds, "these sheets are much sought after by those that build who hang them up as a talisman on the chief beam of the house, which, according to vulgar notion, preserves the house from all misfortunes." (English edition, London, 1741, vol. ii p. 293)

Colonel H. Yule has succeeded in obtaining a specimen of the early Ming dynasty's paper currency, which has the peculiarity of being "nearly black," as described by Marco Polo. Antiquarians await, with much interest, Col Yule's account of this fragment of Eastern life, which is to appear in his forthcoming edition of the Travels of Marco Polo.

The inscriptions on the sides of the Hong rou note are given in a translated form by Du Halde as follows:

"1 The Court of the Treasury having presented their petition, it is decreed that the paper money thus marked with the Imperial seal of Ming shall pass current, and be put to the same use as copper coin. Those who counterfeit it shall be beheaded."

"2 He who shall inform against and secure them [the forgers] shall have a reward of 250 taels. Besides, he shall receive the goods of the criminal, as well immovable as movable. Dated such a year, month, and day, of the reign of Hong rou."

during the space of two months, contributed indirectly to the loss of Kai Khátú's throne, and the bowstring avenged his people's wrongs little more than six months after the first proclamation of this notable financial operation ¹

Khai Khátú's scheme for a paper currency was designed,² not to aid the existing circulation, but to suppress and supersede altogether the use of gold and silver money, as well as to prevent the employment of those metals in manufactures, the object being that all the precious metals in the land might

¹ D'Ossou, iv 101, Malcolm's Persia, i 430 De Guignes, Book xvii 267, Langlès, Mem de l'Institut, iv 115, Price's Mahommedan History, ii 396, De Sauley, Journal Asiatique, 1842, Prof E. B. Cowell, J.A.S. Bengal, 1860. p 187.

² The following is a description of the form and legends of the notes

هبات و صورت جاو بدین منوال بود پرامین صلیح کاعد باره مَرَّح
مستطیل چند کلمه بخط خطابی که محض خطا این بود بوسه و
بر بالای آن اردو طرف 'لااله الا الله' محمد رسول الله 'یکه سبکه بند و
واسطه فراید عقد و طغرائی صحیفه منشور و منعم نمایم آن شحور ساخه
و فرونرازان

ایرینچمن تورجی

تحریر کرده و در مانه دایره کشیده خارج از مرکز صواب و از نم
درهم تا ده دیار رقم زده و بشموه سُطور در علم آورده که بادشاد چیان
کبختاتو خان در تاریخ سنه ثلاث و تسعمین و مستعایه این چاو مبارک را
در ممالک روانه گردانید، نعر و تبدیل کنند در با زن و فرزند باماسا
رسانده مال اورا محبت دیوان بردارند

be monopolized by the ruling power. The execution of the decree necessarily fell with immediate severity on the everyday transactions of life, and was felt more especially in the matter of provisions, which, like all other goods, were not allowed to be paid for in coin; and as the dealers objected to the new substitute for cash, they adopted the simple alternative of closing their shops, and produced absolute famine in the metropolis, while plenty reigned in the districts around. No wonder, then, that the starved citizens of Tabriz rose up as one man and wreaked their vengeance upon the subordinate whom they deemed the author of their woes, while the Sultán was left to discover from the empty streets that all was not well with his capital.

Far other motives seem to have actuated Muhammad bin Tughlak's trial of a forced currency. Of course, the introduction of so sweeping a measure as making the king's brass equivalent to other men's silver, admits of scant defence among civilized nations. Fakhr-ud-dín Júná, as the Sultán was called before his accession to the throne, was not innately a vicious man, though absolute beyond the ordinary range of Eastern despots, and whose severities, not to say cruelties, would have emptied many another throne. He ruled for twenty-seven years, or nearly as long as the combined reigns of his six predecessors, and died in his bed at last, a mercy that was only doubtfully extended to one of the six monarchs in question. His leading eccentricities are described as profusion and want of mercy;¹ the first took the form of Oriental

¹ Here is Ibn Batutah's estimate of the Sultán whom he served: "Mohammed est de tous les hommes celui qui aime davantage à faire des cadeaux et aussi à répandre le sang (عن فخر نغی او حی). Sa porte voit toujours près d'elle quelque *fakir* qui devient riche, ou quelque être vivant qui est mis à mort. Ses traits de générosité et de bonté, et ses exemples de cruauté et de violence

liberality, in regal gifts, rather than in mere ostentatious display or reckless personal extravagance; the second was, perchance, incident to the disregard of human life prevailing around him, and his own avowed conviction of its necessity. Of avarice, however, no one has accused him, he may well have heard of the success of the paper currency in China, equally as he may have learnt the late the similar but less effectively concerted device had met with in Persia, nevertheless he may have felt and justly conceived that he was strong enough to try the experiment, and he withdrew from it frankly when it proved a failure. Severe to the extreme in his punishments, and, doubtless, ready to enforce the penalties said to have been specified in the original proclamation,¹ no threat of vengeance is recorded on the forced currency, as had been the case with the Chinese and Persian notes. The legends on the brass tokens consist

enver les coupables, ont obtenu de la célébrité parmi le peuple. Malgré cela, il est le plus humble des hommes et celui qui montre le plus d'équité, les célébrités de la religion sont obéies à sa cour, il est très sévère en ce qui regarde la prière et le châtiement qui suit son mécréance. Il est au nombre des rois dont la réputation est grande, et dont les heureux succès dépassent ce qui est ordinaire, mais sa qualité dominante, c'est la générosité."—*Ibn Batutah*, iii 215.

The Shaikh Mubā'ud bin Mahmūd *Aubati*, who also visited Muhammad bin Tughlak's Court, is equally warm in his praises of the generosity, humility, and accomplishments of the Sultan, but does not allude to his cruelties.—*Masālik al-Ishār*, in *Notices et Extraits*, xiii, pp 190, 191. See also another witness, pp 187, 207, etc.

¹ I do not reproduce the minor details of this operation as variously recorded in the versions of the Indian historians. In the mere order of priority of publication, I may refer the reader to Dow, i p 302, Briggs, i p 411, who translate Ferishtah's text. An English rendering of the Persian text of the *Tal'ik-nā-i Akbari* is to be found in my first edition of the *Pathān Sultāns*, p 56. The original Persian passage from Zā' al-Bahrī is given in my Supplement (Dehli, 1851, p. 19, and Num. Chron. vi p. 140), and the text of that author has since been published in extenso in Calcutta (1862), and freely translated by Prof. Dawson, *Elhot's Historians*, vol iii p 240. See also Elphinstone's *India*, p 405, and *Jour. As. Soc. Bengal*, 1860, p 193.

either of an appeal to the religious devotion of one section of his subjects, or of an official intimation of legal equivalents to guide the mercantile classes in no instance were these representatives of real money issued to pass for the more valuable current gold pieces, the highest coin he desired credit for, in virtue of the regal stamp, was a Tankah of 140 grains of silver, and the minor subdivisions were elaborately provided for in detail. No interference whatever seems to have been contemplated with the existing circulating media, and the proportion of the new coinage absolutely uttered, large as it was, must have been infinitesimal, in reference either to the income of the Sovereign or the fabulous wealth of the kingdom over which he held sway.¹ With every material element of success, this carefully organized measure was doomed to failure, from an altogether unforeseen cause. His Majesty's officers of the mint worked with precisely the same tools as the ordinary workman, and operated upon a metal, so to say, universally available. There was no special machinery to mark the difference of the fabric of the Royal Mint and the handy-work of the moderately skilled artisan.² Unlike the precautions taken to prevent

¹ Mubarak *Anbati* gives an illustration of the wealth of the land, in the incident of the confiscation of a sum of 137,000,000 *niskahs* of gold from one offender, "an incalculable mass of gold"—Not. et Ext. vii 194. See also p. 173, the old story of the discovery of 40 *bahars* of gold, each *bahar* weighing 333 *mans*.

² Zîlî Darnî says—در هر خانهٔ اربابهای هندوان دارالصربى پیدا آمد—در هر دیوی دارالصرب ساختند و مهرمس میزدند
و هندوان بلاد ممالک کرورها و لکها از مهرمس ضرب کاندند
Calcutta text, 475.

T. Mubarak Shâh—در موالات علانیه در—

هر دیوی دارالصرب ساختند و مهرمس میزدند

هرجا هرجا در مواضع خویش دارالصرب پیدا کرده بر—
Budâom

فلوس مس سکه میزدند

the imitation of the Chinese paper notes, there was positively no check upon the authenticity of the copper token, and no limit to the power of production by the masses at large.¹ Under such circumstances it is only strange that the new currency should have run so long a course as the three consecutive years (or one full year with portions of the first and last), the record of which we find on their surfaces. As has been already stated, when there remained no question as to the failure of the scheme, Muhammad bin Tughlak, unwillingly, perhaps, but honestly, attempted to meet the difficulty, by authorizing the reception of the copper tokens at the treasury and their exchange for full money equivalents. No scrutiny, had such been effectively practicable, was enjoined against illicit fabrications; and the sums actually exchanged may be estimated by the mounds upon mounds of brass coins which were heaped up as more rubbish in the Fort of Tughlakáhád (Dehli), where they were still to be seen a century later, in the reign of Mubárak Sháh II.² It is clear that, if good money was paid for all these tokens, Muhammad bin Tughlak's temporary loan, extracted from his own subjects, must have been repaid at a more than

¹ The Chinese evidently felt and anticipated some such result, and so avoided the evil here experienced. "It is easy to judge that there would be debasers of money in China, if the silver was coined as well as copper, since then small pieces of copper are so often counterfeited by the Chinese. Those who follow this trade mark the counterfeit coin with the same characters as are seen upon the true, but the metal they use is of a baser sort, and the weight not so good. If they happen to be discovered the crime is capital."—Du Halde, *English edit.* 1741, ii. 293

² وان مهرمس مردود شد با عایت در کوشک نغلاباد چون

MS. *Tārīkh Mubárak Sháhi*. بشتیا مانده بود.

So also, more explicitly, the *Tārīkh Budáon* adds—

و آخر مس مس و نفره نقره بود و آن سکه های مس پشته پشته

Oriental rate of interest, though possibly, in very many instances, compensation reached parties but little entitled to it.

I will now proceed to recapitulate, in brief detail, the more prominent and instructive specimens of Muhammad bin Tughlak's forced currency still extant. It will be seen that ordinarily the values attaching to the several gradational coins are specified on their surfaces, but in many cases the equivalents of the current money have to be discovered from the approximation to the old standards, in form or weight, given to the representative brass tokens. We have, in distinct terms, the 50 *kāni* piece, the half, the quarter, as well as the 8 *lāni* and 2 *kāni* pieces, and a correspondent of the 175 grain *tankah* might possibly be discovered in the brass money designated as تنكه رائج "current Tankah" (No. 195), but I prefer to look upon these pieces as provided to supply the places of the modified 'adali of 140 grains (No. 180),¹ with which they are identical in weight, and

نا زمان مبارکشاد بنول صاهب نارنج مبارکشاهی ماده در نعلی

آباد حکم سنک داشت Calcutta text, p. 229.

Ziā Barni's account of the original incoming of the brass tokens is even more graphic.

و بدل آن مهر نکه زرو نقره و شش گانی و دو گانی در خانه برد
و چندان نکه مس در خزانه درآمد که تودها از نکه مس مثل

کودها در تغلی آباد برآمده ست Calcutta text, p. 476.

¹ The 'adali, as a definite coin, first makes its appearance under Muhammad bin Tughlak, but it would seem from the following passage that its introduction was due to 'Alā-ud-din Muhammad Shāh:—

اینک این سبت رخنست و قماش و امته و اتمشه که بجهه

to have been intended to pass at the same rate as the more definitely marked 50 *lāni* piece of similar fabric. Nos. 197 and 198 may, perchance, have been designed for 40 *lāni* pieces (as $140:50::112:40$), and No. 200 approximates in weight, under a similarly graduated scale of proportions, to a 20 *lāni* piece, or the 32 *raṭi purāna* of 56 grains, already adverted to at pp 163, 167, and regarding which further comparisons will be found at page 221, *et seq.*

The use of the term *dirham* on Nos. 202, 203, is more difficult to explain. The word is new among the Dehli mint-ages, though, as will be seen hereafter, it must have been common enough in the vernacular speech of the country. Were it not that there is an expressly designated "Hasht-kāni," it would be reasonable to suppose that these were the *dirhams* spoken of by Ibn Batutah and Sheikh Mubarak, as reckoning eight to the old *tanukah*; but as the latter coin was also in these times indifferently called a *dirham*, it is possible, in spite of the defective weight, which, however, was altogether disregarded in other cases, that these pieces may have been authoritative correspondents, in a different form, of the *'adali* or 140 grain *tanukah*.

استعداد سباهی شاه و ساهی سپاه در ولم آید ار سکتان و برمه
و بشمینہ و چرمسہ و روثبہ و آئینہ بیکد و عدّ ساخنے و مہیا داشتہ
تا هرکه هست عدلی مہداد و بعبمت عدل کالا می خرید

Marginal note by Dehli commentator—عدلی سکہ هست.

—MS Tārīkh-i-Alāi of Mīr Khusrū

No. 195 (pl. iv. fig. 96). Brass. Weight, 136 grs.
Daulatábád, A.H. 730. Dehli (نخست گاه), 731, 732.

من اطاع

میر شد ندگه

السلطان

رائج در روزگار

فقد اطاع

بدد امبدوار

الرحمن

محمد تغلق

He who obeys the Sultán,
truly, he obeys God.

Scaled as a *Tankah* current
in the reign of the slave, hope-
ful (of mercy),

Muhammad Tughlak.

در نخست گاه—Margin

دولت آباد سال بر هفتصد سی

At the seat of royalty, Daula-
tábád, in the year 730.

No. 196 (pl. iv. fig. 99). Brass. Weight, 132 grs.
Daulatábád, A.H. 731, 732. Very rare.

من اطاع

میرشد تسکه

السلطان

پنجاه گاهی در روزگار

فقد اطاع

بندد امبدوار

الرحمن

محمد تغلق



Area. He who obeys the
Sultán, truly, he obeys
God.

Scaled as a *Tankah* of fifty
Kápis during the reign of the
slave, hopeful (of mercy),

Muhammad Tughlak.

در تخت گاه—Margin

دولت آباد سال برسی یک

At the seat of royalty, Daula-
tábád, in the year (7)31.

No. 197 (pl iv. fig 100). Brass. Weight, 112 grs
A.H. 730, 731.

فَعَدَ اطَاعَ

الرحمن

تَعَلَى

Truly, he obeys God
Tughlak.

مَنْ اطَاعَ

السلطان

محمد ٧٣٠

He who obeys the Sultán,
Muhammad, 730.

No 198 (pl vi fig 101). Brass. Weight, 112 grs.

لا يُولَا السُّلْطَانُ

كُلِّ النَّاسِ

بِعَهْمِ نَعْنَا

مُغْلَى

Sovereignty is not conferred
upon every man, (but) some
(are placed over) others.¹
Tughlak

اطِيعُوا اللَّهَ

وَاطِيعُوا الرَّسُولَ

وَأُولَى الْأَمْرِ مِنْكُمْ

محمد ٧٣٠

Obey God, and obey the
Prophet, and those in authority
among you
Muhammad, 730

No 199 Brass. Weight, 70 grs. A.H. 730.

محمد بن

سُغْلَى

Muhammad bin Tughlak.

صَرَبَ

الرُّبْعَى ٧٣٠

Struck as a fourth (quarter
'*adale*'), 730.

¹ Kurán, Surah iv. verse 62

No. 200. Brass. Weight, 55 grs. A.H. 730.

(See Marsden, No. dccxv. p 535).

عبد

حسبى

محمد بن

ربى ٧٣٠

تعلن

Sufficientia mea Dominus est.

Kurán, iii. 167. حَسْبَا اللّٰهُ وَنَعْمَ الْوَكِيلُ

Fræhn (Recensio, p 115) has an example of a coin of Nûh bin Mansûr, struck at Bokhárâ, in A.H. 376, with *حسبى الله* on the top of the aca.

No 201 (pl iv. fig. 104) Brass Weight, 72 grs Rare

Centre—محمد

تنكه زر

نعلن

جائز در عهد

بندد امیدوار

Margin—श्री: मोहम्मद . .

محمد نعلن

Shih Mohamad .

Money *Tanlak* current in the reign of the slave, hopeful (etc.), Muhammad Tughlak

No. 202 (pl iv. fig. 105). Weight, 80 grs. Stacey collection *Unpublished*. Daulatâbâd, A.H. 730. Delhi (حصرت) A.H. 730, 732. Delhi (دارالملک) A.H. 730 Delhi (دارالاسلام) A.H. 730

بدارالاسلام

صرب الدرهم

في سنة ثلثين

الشرعي في زمن

العهد محمد بن

وسبعمايةيه

نغلتي

At the seat of Islâm, in the year, 730.

Struck as a lawful *dirham* in the time of the slave, Muhammad bin Tughlak.

No. 203. *حسرة دهلي*, A.H. 730, 732 (No less than three selected specimens of these latter mintages exactly *touch* the 80 grains).

No. 204. Copper Weight, 103 grs. Unique. *Daulatábád*, A.H. 730
Náshf.

محمد بن سعلی

حسرة دولت آباد

سنة ثلثین و سبع مائة

Muhammad bin Tughlak, at the capital, *Daulatábád*, year 730.



صرب هذه

الصفی ب زمن

العبد الرجی

رحمة الله

This half-piece (was) struck during the time of the slave, trusting in the mercy of God

No. 205. Brass. Weight, 53 grs. Rare *Hashtkadi.*

محمد

تعلی

عدل

هشت کادی

No. 206 Variety. Weight, 25 grs. Rare. *Dokani.*

محمد

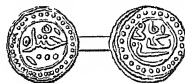
تعلی



سکه

دوکادی

No. 207. Copper. Weight, 74 grs. Gen. Cunningham. Unique



جَمِيل

A *Jamil*

امانی

یسکانی

The equivalent of one *kāpi*.

No. 208 (pl. iv fig. 107). Copper. Weight, 53 grs. A.H. 732.

<i>Centre</i> —محمد تغلق	الملک
<i>Margin</i> —سال بر شمسند سی دوس	والعزة لله
In the year 732.	Dominion and glory are of God

There are very few specimens of the exclusively copper coins of Muhammad bin Tughlak; the copper currency *proper* seems to have been confined to the three examples quoted below (Nos. 209, 210, 211), but in many cases dies intended for the small silver coins, and the less marked and declaratory legends of the forced currency, seem to have been employed to stamp copper, which, in the fullness of its weight, carried its own value in the market, irrespective of any especial superscription.

No 209 Copper Weight, 68 grs.

Obverse—السلطان ظل الله The Sultan, shadow of God.

Reverse—محمد بن تغلقشاد Muhammad bin Tughlak Shāh.

No 210. Copper Weight, 53 grs. Col. Stacey. A.H. 730

Obverse—الوائى بعصر الله ۷۳۰

Reverse—محمد بن تغلق شاد

No 211. Copper Weight, 54 grs. Rare.¹

Obverse—محمد

Reverse—تغلقشاد

¹ Ibn Batutah has preserved a curious record of the legends inscribed upon the coinage of the *Shah* of Jelāl-ud-din Ahsan Shāh, commandant in Malabar (معر) who threw off his allegiance to Muhammad bin Tughlak, and issued money bearing his own name in 742 A.H.

و ضرب الدينار و الدراهم باسمه و كان يكتب في احدي صفتي

We have seen with what Numismatic honours Altamsh welcomed the sanctification of his new kingdom of the East by the reigning Khalif of Baghdád in 626 A.H. Within thirty years of that date the office of the chief Pontiff of the Muslim world was destined to be extinguished in the person of Mustansir's successor, the unhappy Must'asim, who was so cruelly put to death by Hulákú Khán, on the capture of the city of the Faith, in 656 A.H. With all the Barbarian superstition that hesitated to shed what was esteemed sacred blood, the conqueror did not scruple to crush into one unseemly mass the bones of his victim,¹ coincidently with the surrender of the inoffensive inhabitants of the favoured city, estimated at 800,000 persons, to the wanton slaughter of the Mughal troops. While the throne of the Khalifs became but an idle symbol, and the centre of Islám was converted into a ghastly camp of Nomads, the latest Muhammadan conquest "in partibus infidelium" must have been singularly

الدينار سلالة طه وبس أبو الفراء و المساكين جلال الدسا و الدين و
فى الصفحة الاخرى الواثق بابيد الرحمان احسن شاه السلطان

Et frappé en son propre nom des monnaies d'or et d'argent. Sur un des côtés des dinârs il avait gravé les mots suivants. Le progeniture de *Tha-ha* et *Ta-sim* (ces lettres, qui constituent les initiales de deux chapitres du Koran, le 1^{er} et le 2²⁷), sont du nombre des épithètes qu'on donne à Mahomet), le père des sâkhs et des indignes, *Jellal ul doudâ wa ul dîn*. Et sur l'autre face Celui qui met sa confiance dans le secours du Miséricordieux, *Ahsen Shah Sultan*. — Paris edition, in. 328. Feinshlah, 1 423

¹ The Hâlib us Siyâ says, "The captives were wrapped up in coarse hessian blankets, and in that state rolled backwards and forwards on the ground with such force and violence that every joint and articulation of their frames was either smashed or wrought asunder." — Pines's Muhammadan History, ii p. 222.

Novari, quoted by D'Ohsson (in 243), says they were tied up in sacks and trodden under foot by horses. One incident in the general extermination is remarkable, the Christians were unreservedly spared, the Nestorian Church constituted, without challenge, their city of refuge (in. 339, 241) — Abul Faraj, 339.

ignorant of, or strangely indifferent to, the events that affected their newly-conceded allegiance, as the name of the martyred Must'asim was retained on the Delhi coinage for some forty years after his death. Rukn-ud-dín Ibrahim, the twelfth king, is the first to discontinue the practice, when, after the murder of Firúz in the camp of 'Alá-ud-dín, the party in power at Delhi elevated the boy-king, they denominated his father ناصر المومنين, a title which Altamsh had affected in early days (see Inscriptions G and H, pp. 80 and 155 *supra*). 'Alá-ud-dín Muhammad Sháh assumed the designation of اليمن الخلافة, Right hand of the Khalifat (coin No. 180, etc.; inscription O, p. 173); but Mubárak, more distinctly, calls himself Khalífah¹ (the most mighty Imam, Khalífah of the Lord of the two worlds); and his capital, *Dár ul Khalifat*, "seat of the Khalífah," and even goes so far as to adopt, in addition to the خليفه الله (Vicerent of God), the spiritual title of *Al Wásik billah* (p. 181). The converted Hindu *Khusrá* likewise affects, in a subdued degree, the attributes of a leader of Islám, styling himself الواقى خير الرحمن ولي امير المومنين "The relying upon the goodness of the All-merciful, successor² of the Commander of the Faithful" Ghías-ud-dín Tughlak Sháh, with higher claims, seems to have been a much more humble Muhammadan, for he delights in such designations as "the Testifier," "the *Ghází*," "Champion of the Faith," etc. The son, Muhammad, is even more modest in his titles, but largely affects quotations from the Kurán. Later in his reign (741

¹ So also, in later days, Akbar introduced the new formula of لا اله الا الله والاكبر "There is no god but God, and the Akbar is his Vicerent"—Wilson's Works, n. 391

² The term ولي is an extended range of meanings. The reference here seems to be to Mubarak as Khalif.

а н.) his religious sentiments asserted themselves more definitely, and scruples having arisen in his mind as to the imperfection of his own title to the sovereignty—unconfirmed as it was by sacerdotal sanction¹—he sought to remedy this defect by soliciting the patent of the then representative of the line of the Abbassite Khalifs, whose immediate predecessors had so fallen from the ancient high estate as to accept a palace and a pension from the Sultán of Egypt. In anticipation of the receipt of such acknowledgment, Muhammad

¹ "When the Sultán returned to Delhi, it occurred to his mind that no king or prince could exercise legal power without confirmation by the *Khalifah* of the race of 'Abbás, and that every king who had, or should hereafter reign, without such confirmation, had been, or would be, overpowered. The Sultán made diligent inquiries from many travellers about the *Khalifahs* of the line of 'Abbás, and he learned that the representatives of the line of 'Abbás were the *Khalifahs* of Egypt. So he and his ministers and advisers came to an understanding with the *Khalifah* that was in Egypt, and while the Sultán was at Saig-dwári he sent despatches to him about many things. When he returned to the city he stopped the prayers of the Sabbath and the 'Id's. He had his own name and style removed from his coins, and that of the *Khalifah* substituted, and his flatteries of the *Khalifah* were so fulsome that they cannot be reduced to writing. In the year 711 A.H. (1313 A.D.), Hájí Sa'id Sa'sa'í came to Delhi, from Egypt, bringing to the Sultán bonous and a robe from the *Khalifah*. The Sultán, with all his nobles, and *amirs* and . . . , went forth to meet the Hájí with great ceremony, . . . and he walked before him barefoot for the distance of some long bow-shots . . . From that date permission was given, that out of respect the *Khalifah's* name should be repeated in the prayers for Sabbaths and holydays, . . . and it was also ordered that in mentioning the names of the kings in the *khutba* they should be declared to have reigned under the authority and confirmation of the Abbási *Khalifahs*. The names of those kings who had not received such confirmation were to be removed from the *khutba*, and the kings were to be declared to be superseded (*mutaghallab*). . . The name of the *Khalifah* was ordered to be inscribed on lofty buildings, and no other name besides . . . The Sultán directed that a letter acknowledging his subordination to the *Khalifah* should be sent by the hands of Hájí Rajab Barka'i, . . . and after two years of correspondence the Hájí returned from Egypt, bringing a diploma in the name of the Sultán, as deputy of the *Khalifah*."—Elliot's *Historians*, in. 249, text, 491. Ibn Batutah, i. 363, Ferishtah, i. 426.

bin Tughlak discontinued the use of his own name on the coinage,¹ and supplanted it by that of *Al-mustafī billah*, whose designation appears on the Indian coins minted in 741, 742, and 743 A.H., while the later periods are marked by that of his son, *Al-Hakim b'Amr illah Abū al Abbās Ahmad*.

The following is a list of the earlier Egyptian Khalifs, taken from Abūl Faraj. There is a conflict of testimony as to the accuracy of the succession in some instances, and still more uncertainty in regard to the precise dates of accession, etc.² In short, their own obscurity extended to their history,³ but as the authoritative names are the chief matter of

¹ This is a very odd phase of Muhammad bin Tughlak's progressive thought. So little occasion does there seem to have been, at the moment, for any such disturbing idea, as far as the associations of proximate kingdoms extended, that the Sultan had to examine all sorts of stray travellers to discover where a son of the old house could be found, as Zia Rumi, a contemporary and an biographer, says—

سلطان از سیار بنج مسکرت تا از سیار مسافران شنید که خلعت
از آل عباس در مصر بر خلافت متمکن است. Calcutta text, p. ۲۹۶.

Though all this feeling may well have arisen out of new and more advanced studies of his own religion, or descriptions by the Western visitors at his own Court of the by-gone glories of the supreme Pontiffs of the Muslim world, who had more or less swayed the destinies of the East for six centuries and whose extermination was so intimately associated with one of India's perpetual grievances, the success of the Mughals, who were ever threatening the gates of Delhi. Later, in point of time, Muhammad bin Tughlak seemed as a visitor at his own Court a son of the line of Abbas, in the person of Ghias-ud-din Muhammad, a son of a great-grandson of the Khalif of Baghdad, *Al-Mustansir billah*, and he seems almost to have regretted his hasty adhesion to the Egyptian branch, for, after loading his guest with all manner of inconsistent honours, he naively confessed to him that had he not already pledged his faith to the African Khalif, he would have sworn allegiance to him, in short, have secured a submissive Khalif of his own. — Ibn Batutah, iii. 258, etc.

² Abūl Faraj himself gives a great many optional statements from other authorities, while M. de Ganges' series differs very materially both in the order of succession and dates of events from the present list (*Hist. des Muns.* i. 132).

³ Les Mamelucs ou Sultans d'Egypte, qui avoient fait ces Khalifs ce qu'ils étoient en les reconnoissant pour tels, les faisoient et les faisoient selon leur

importance in the present inquiry, I have not thought it necessary to sift in detail the mass of contradictory testimony under its local aspect.

THE EGYPTIAN KHALIFS.

- 1 المستنصر بالله أبو القاسم أحمد بن الطاهر بالله العباسي
Inaugurated 9th Rajab, 659 A.H.
- 2 الحاكم بأمر الله أبو العباس أحمد
Inaugurated Zil hijjah, 660 A.H.
- 3 المستكفي بالله أبو الربيع سليمان ابن الحاكم بأمر الله
Inaugurated Jumáda'l awwal, 701 A.H.
- 4 الواثق بالله إبراهيم بن محمد المستمك
Inaugurated 740 A.H.
- 5 الحاكم بأمر الله أبو العباس أحمد بن المستكفي بالله
Proclaimed 741 A.H.
- 6 أبو الفتح المعنض بالله أبو بكر ابن المستكفي بالله
Proclaimed 753 A.H.
- 7 المتوكل على الله أبو عبد الله محمد بن المعنض
Inaugurated Jumáda'l ákhir, 763 A.H.
- 8 الواثق أبو حفص عمر ابن المعتصم إبراهيم بن المستمك
Inaugurated 785 A.H.
- 9 المعتصم بالله أبو جحى زكريا ابن المعتصم إبراهيم
Inaugurated 788 A.H.
- 10 المنوكل (restored)
Inaugurated 791 A.H.
- 11 المستعين بالله أبو الفضل العباس بن المتوكل على الله
Inaugurated Sh'abán, 808 A.H.

bon plaisir. Mais nonobstant l'autorité que les Sultáns d'Egypte exerçoient sur ces Khalifes, néanmoins les mêmes Sultáns se servoient d'eux pour se faire confirmer et autoriser auprès les peuples," etc.—D'Herbelot, *sub voce*, "Khalifah."

Coin struck in the name of the Egyptian Khalif-

No. 212 *Gold* Weight, 1615 grs. A worn coin, with imperfectly executed legends. A second, 167 grs. D.H. 712, 713.¹

مرب هذا الديار	في زمان الامام المسكني
الحلمتي الدهلي في شبور	بالله امير المؤمنين ابو الرشح
سداحدى اربعين وسعها	سلطان خلد الله خلافة

Al Mustakfi Billah, *Shu al-robba* 8th year, Khalif of Egypt
(No. 3 of the above list), A.D. 704 to 710.

No 213 (pl. m. fig. 86). *Gold* Weight, 170 (171.0, 169.4 grs

في زمان الامام	الله ابو
امير المؤمنين	العاس احمد
الحاكم بامر	خلد ملكه

Al Hakim b'Amr Allah, Abū al-Abbās, Ahmad, Khalif of Egypt
(No. 5 of the above list), A.D. 711 to 713.

No 214. *Silver* Weight, 5.3 grs. Rare A.D. 717

Obverse—خلفه الله في شبور

Reverse—المسكني بالله ٧١٣

No 215 (pl. m. fig. 109). *Silver and copper*. Weight, 132 grs

No 215a. Major Stubbs. Weight, 138 grs. Daulatabād, A.D. 717

Obverse—الامام الاعظم خلفه الله في العالمين ٧١٣

Reverse—المسكني بالله امير المؤمنين

Margin—مرب هذا دوات اباد سنة اربع واربعين وسعها

¹ See also Fiehn's *Revue*, p. 177.

No 216. Copper. Weight, 55 grs. A. H. 742, 743.

Obverse—خليفة الله في شهور

Reverse—المستكفي بالله ٧٤٢

No. 217. Copper. A. H. 742.

Obverse—الله الكمي في شهور

Reverse—والخليفة المستكفي ٧٤٢

No. 218 (pl. iii. fig. 110). Copper. Weight, 128 grs.

A. H. 748, 749, 750, 751

Obverse—الحاكم بامر الله سنة ٧٤٨

Reverse—ابو العباس احمد

No 219 Brass. Weight, 55 grs Rare A. H. 748

Similar legends.

Having completed the description of the coins of Muhammad bin Tughlak, I append a list of the prices of commodities at Dehli, towards the end of his reign, furnished to the author of the *Masâlik al Abşâr* by his Egyptian informants —

Wheat	$1\frac{1}{2}$	<i>hashikân</i>	the <i>man</i>
Barley	1	„	„
Common Rice ...	$1\frac{1}{4}$	„	„
Peas (حمص)	$\frac{1}{2}$	„	„
Sugar.....	1	<i>hashikân</i>	for five <i>dir.</i>
Sugar Candy (النيابت).....	1	„	four „
Fat Sheep, superior quality,	1	<i>tankah</i>	or 8 <i>hashikâns</i> each.
Oxen in good condition.....	2	<i>tankahs</i>	each.

Muhammad bin Tughlak does not seem to have concerned himself with inscriptions, hence the only mention of his name in such documents is to be found in the Hindi Inscription of Chunár (p. 195 *ante*), and an incidental record in Devanágari characters, on the third story of the Kutb Minár, designating him as *Muhammad Sultán*, with the annexed date of *Samat* 1332 = 1325 A.D.¹ His public works at Dehli were confined to the erection of the detached Fort of '*Adilábád*, otherwise called *Muhammadábád*, at the south-east corner of Tughlakábád, with the *Satpalah*, or "seven-arched" dike, between Chirágh Dehli and Kunki and the complete fortification of the suburbs of Dehli, enclosing the space from the Kutb by Khinki, Chirágh Dehli, Shápúr, etc. (the "Cutub Lath, Kherhee, Chiragh Dilhee, and Shahpor," of the accompanying map), and forming an *enceinte* of five miles, pierced with thirteen gates in the curtains alone, and well known in history by the title of *Jahán-panah*,² "asylum of the world."

BENGAL COINS.

I revert, for the last time, to the money of the kings of Bengal. Iliás Sháh, the eighth of those who exercised the privilege of coining, either as Viceroys or temporarily independent Sovereigns, succeeded in emancipating himself from all interference on the part of the Sultáns of Dehli; so that from this period the kingdom of Bengal ceases to have either monetary or historical associations with the empire of the

¹ Cunningham, Arch. Report, 1862-3, p. 35.

² Ibn Batutah, iii 147, Timur-Bec M de la Croix, book iv cap. 11, coins of Sháh Sháh, *infra* Syud Ahmad, pp. 22, 31, Dehli Archaeological Society's Journal, 1863, map, p. 68, etc., Cunningham, 42, G. J. Campbell, J A S. Bengal, 1866, p. 119, etc.

north, which are only renewed on Shír Sháh's conquest of Hindúistán, nearly two centuries after Firúz's abortive expedition in A.D. 754.

V. FAKHR-UD-DIN MUBÁRAK SHÁH.

On the departure of Muhammad bin Tughlak from Bengal, Tátár Khán, honorarily entitled *Bahrám Khán*, an adopted son of Ghiás-ud-dín Tughlak, seems to have been left in charge of the provinces included in the government of Sunárgáon, while the Lakhnauli division of the kingdom was entrusted to ملك بدار خلجی, surnamed *Kadr Khán*.¹ Neither of these rulers' names are to be found on the local coinage. As mere governors on the part of the Sultán, they were, of course, not entitled to issue money bearing their own names. On the death of Bahrám Khán,² which is stated to have taken place in 739, but may probably have to be antedated to 737, Fakhr-ud-din Mubárak, his *Sildáhdár*, took pos-

¹ There is some difficulty about the identity of this Kadr Khán, as it is just possible that the بدار may prove to be a mistranscription of بعده or بعده. The earliest notice of this personage under the associate names and titles above given is to be found in the *Taukh-i Mubín-i Sháh*, where, on Muhammad bin Tughlak's accession, Malik Baidár Khujá is stated to have been appointed to Lakhnauli. The passage is as follows:—

ملك بدار خلجی بدرخان شد و اقطاع لكهنؤی بافت . ملك

حسام الدين ابوجار نظام الملكی و وزارت لكهنؤی داد

See also *Farishtah*, text, i. 237, Briggs, i. 412, 423, J R A S, N S, ii. 195.

² "About this time the rebellion of Fakhrá broke out in Bengal, after the death of Biham Khán (Governor of Sunárgáon). Fakhrá and his Bengali forces killed Kadr Khán (Governor of Lakhnauli), and cut his wives and family and dependents to pieces. He then plundered the treasures of Lakhnauli, and secured possession of that place and of Sat-gáon and Suná-gáon. These places were thus lost to the imperial throne, and falling into the hands of Fakhrá and other rebels were not recovered."—*Elliot's Historians*, iii. 212.

session of the government, and proclaimed his independence.¹ He was in the first instance defeated by the troops sent against him from Lakhnauti, but finally succeeded in maintaining his authority, and, as the coins prove, in retaining his hold on Sumárgáon and its dependencies throughout the nine years, from 741 to 750 A.H., comparatively undisturbed. The history of the period is confused, and the dates given by the native authors prove of little value;² but the coins establish the fact that in 751 another ruler, designated *Mubtár-ul-dín Gházi Sháh*, presided over the Mints of Eastern Bengal.

Fakhr-ud-dín Mubárah Sháh

No. 220 (pl. iv fig. 151, and pl. vi fig. 7) Silver. Weight, 186.0 grs. Sumárgáon, A.H. 741, 742, 743, 744, 745, 746, 747, 748, 749, 750.

بِسْمِ خَلْقِهِ اللَّهُ	السلطان الأعظم
ناصر امر	فخر الدين و الدين
المؤمنين	ابو المتاجر ماركشاد
	السلطان

Mughin—

ضرب هذه السكة بحضرة جلال ساركانو سنة سبع وتلشن وسبعمايه.

The specimen engraved in pl. vi. fig. 7 is unique in date, and varies in the opening legend of the reverse from the less rare coins of later years, which commence with *بِسْمِ الْخَلْفَةِ*.

¹ Nizám-ul-din Ahmad says Mubárah killed Baháza Khán, while Abul Fazl affirms that Mubárah put Kachí Kh'an to death—*Ain-i-Akbari*, ii. 21.

² Fensholt, *loc. cit.* i. 237, 241. Briggs, i. pp. 412, 423, iv. 28. Stewart's *History of Bengal*, pp. 80, 83.

VI 'ALĀ-UD-DĪN 'ALĪ SHĀH

'Alī Shāh, whom Muhammadan writers, by a strange jumble, have endowed with the surname of his adversary, Mubārak, and ordinarilly refer to as "'Alī Mubārak,"¹ assumed kingship on the death of Ḳadr Khān, Muhammad Tughlak's representative at Lakhnauti, entitling himself 'Alā-ud-dīn. The more important incidents of his reign are confined to his hostilities with his rival, Fakhr-ud-dīn Mubārak of Sunārgāon, who possessed advantages in his maritime resources, while the rivers remained navigable for large vessels during the rainy season, but which were more than counterbalanced by 'Alī Shāh's power on land, which availed him for the greater part of the year, and which finally enabled him to establish his undisputed rule in the western provinces.

His coins exhibit dates ranging from 742 to 746 A.H., and bear the impress of the new mint of the metropolis, Fīrūzābād, an evidence of a change in the royal residence, which clearly implies something more than a mere removal to a new site proximate to the old Lakhnauti, whose name is henceforth lost sight of, and may be taken to indicate a strategetic transfer of the Court to the safer and less exposed locality of the future capital, Pandua.² 'Alī Shāh is stated to have been assassinated by his foster brother, Hājī Ilās.³

¹ Budāoni MS. Feishtah, iv. 329. Stewart, p. 82. *Āin-i-Akbari*, ii. 21.

² Stewart, speaking of Fīrūz's advance against Ilās, says, "The Emperor advanced to a place now called Firuzporeabad, where he pitched his camp, and commenced the operations of the siege of Pandua" (p. 84). There is a *Mahat* Fīrūzpur in *Succa* Tundah, noticed in the *Āin-i-Akbari*, ii. p. 2. See also the note from Shams-i-Sulā, quoted below (page 268), under the notice of Ilās Shāh's reign.

³ Stewart's *History of Bengal*, p. 83.

'*Alá-ud-dín 'Alí Sháh.*

No. 221 (pl. vi. fig 8). Silver Weight, 166.7 grs. Rare.

Firúzábád, 774, 775, 776. Type as usual

مسكدر الزمان	|	السلطان الاعظم
المجسوس	|	علاء الدين والدين
نعمت الرحمن ناصر	|	ابو المتوسر تمشاد
امير المؤمنين	|	السلطان

Margin—

سرب هذالفة السكه فى المده فبروزان سنة انبى اربعين وسعماب

VII. IKHTI'AR-UD-DIN GHAZI SHAH.

At the period of this king's accession to the sovereignty of Sunárgón in A.H. 750 or 751, we lose the aid of our most trustworthy recorder of the annals of Bengal during his own time. The conclusion of Ibn Batutah's narrative leaves Fakhr-ud-dín Mubárák still in power, while the native authorities are clearly at fault in their arrangement of dates and events, and altogether silent as to any change in the succession in Eastern Bengal, except in their allusions to the more than problematical capture of Fakhr-ud-dín and his execution by "'Alí Mubárák" in 743 A.H., with the final accession of Ilías "one year and five months afterwards."¹

The numismatic testimony would seem to show that Mubárák was succeeded by his own son, as the *Ul Sultán bin Ul Sultán* may be taken to imply. The immediately consecutive dates, and the absolute identity of the fabric of the coins, as well as the retention of the style of Right-hand of

¹ Stewart's History of Bengal, p. 83.

the Khulfat on the reverse, alike connect the two princes; while the cessation of the issues of Ghází Sháh simultaneously with the acquisition of Sunárgáon by Ilías in A. H. 753, would seem to point to the gradual spread of the power of the latter, which is stated to have been at its zenith just before Firúz III assailed him in his newly-consolidated monarchy in 754.¹

Ikhtár ud-din Gházi Sháh.

No. 223 (pl. vi fig. 9) Silver Weight, 166 grs. Very rare indeed
Three coins Col. Guthrie. Sunárgáon, 751-753.

يَمِينُ الْجَلْسَةِ	السلطان الاعظم
ناصر امير	اخمار الدسا والدين
المومنين	ابو المظفر غازي شاد
	السلطان بن السلطان

Margin—

صرف هذه السكة بحضرة جلال ساركانو سنة احدى وخمسين وسعمائة

¹ Shams-i Su'ij, speaking on near-ay, affirms that Shams-ud-din Ilas captured and slew Fakr-ud-din after Firúz III's first expedition into Bengal, and that the main object of the latter's second invasion of that province was for the purpose of re-asserting the rights of Zafar Khan, the son-in-law of Fakr-ud-din (who had fled for protection to Delhi), to the kingdom of Eastern Bengal. It is asserted that although Firúz succeeded in obtaining this concession from Sikandari, who, in the interval, had succeeded to his father's throne, Zafar Khan himself was wise enough to decline the dangerous proximity to so powerful a rival monarch, and returned in the suite of the Sultán. The Bengálí troops, under Zafar Khan, subsequently distinguished themselves in an opposite quarter of India, near Thatta, and their commander was eventually left in charge of Gujarat.—Shams-i Sitá, book ii cap 9, etc. See also Journal Archaeological Society of Delhi (Major Lewis's abstract translation), 1849, p. 15, and Elliot's *Historians*, iii p. 325.

The *Tarikh-i Mubárák Sháhi* (dedicated to Mubárák II), the concluding date of which is 838 A. H., also declares that Háji Ilías killed Fakr-ud-din in 741 A. H.

VIII SHAMS-U-D-DIN ILIAS SHAH.

The modern application of old coins divides itself into two branches—the suggestive development of obscure tradition, and the enlargement and critical revision of accepted history. The transition point between these archaeological functions, in the present series, declares itself in the accession of Ilías Sháh, the first recognized and effectively independent Muslim Sultán of Bengal, the annals of whose reign have been so often imperfectly reproduced in prefatory introduction to the relation of the magnificent future his successors were destined to achieve as holders of the interests and the commercial prosperity of the Delta of the Ganges, to whose heritage, indeed, England owes its effective ownership of the continent of India at the present day.

The compiler of the English version of the early history of Bengal¹ adopts the conclusion that Ilájí Ilías first obtained power on the assassination of “’Alí Mabárak” in 715-6, but the previous rectification of the independent personality and status of the two individuals thus singularly absorbed into one, will prepare the reader for the corrections involved, though not, perhaps, for the apparent anomalies the coins disclose. Medallic testimony would seem to indicate a long waging of hostile interests between the real ’Alí Sháh and Ilájí Ilías before the latter attained his final local triumph, for although Ilías is seen to have coined money in Fírúzábád in 740 A.H., the chance seems to have been denied him in 741; and in 742 his adversary, ’Alí Sháh, is found in full possession of the mint in question. The Kooch Bahár hoard

This last date is a manifest error, as is also, probably, the omission, by both authors, of the words *son of* before the name of Fakhr-ud din.

¹ Stewart, p. 83

reveals no coin of either party dated 743, but in 744 the two again compete for ownership, which 'Alī Shāh for the time being continues through 745 into 746, when the annual series is taken up and carried on successively for an uninterrupted twelve years by his more favoured opponent. It is needless to speculate on the varying course of these individual triumphs; suffice it to say, that the increasing power of the ruler of Pandua, in 754, excited the Emperor Firūz III. to proceed against him in all the pomp and following of an Oriental Suzerain, resulting only in the confession of weakness, conveniently attributed to the periodical flooding of the country¹—which effectively laid the foundation of the ul-

¹ Stewart felt a difficulty about the right position of *Akdalāh*, the real point of attack, and a place of considerable importance in the local history of Bengal. The following is Zia Barni's description of the place, taken from the concluding chapters of his history on the occasion of Firūz Shāh's (III) invasion of Bengal in 751 A.H.

واکداله نام موضعی است بر دیکت پندوه که یک طرف آن آب
است و طرف دوم جبل است در آن اکداله حصن کرد و از پندوه
مردم کارآمد را با زن بچه در اکداله در

P. 588, printed edn. Rennell gives another Akdallah north of Dacca "Map of Hindoostan."

In the following passage Shams-i Sūz desires to make it appear that Firūz III gave his *own* name to the city of Pandua, but, as we have seen that the designation was applied to the new capital either in 710 or 742—that is, long before Firuz became king of Delhi—it will be preferable to conclude that the name was originally bestowed in honour of the Shams-ul-din Firuz of Bengal, No II of the Bengal series (p. 193 *ante*). The quotation is otherwise of value, as it establishes, beyond a doubt, the true position of the new metropolis —

(فرروز شاد) در پندوه رسبد در آن مقام خطه بنام حضرت فرروز
شاه خواندند و نام شهر فرروز آباد نهادند چون سلطان فرروز شاه
اکداله را آراپور نام کرد و شهر پندوه را فرروز آباد : : (hence the)
آراپور عرف اکداله و فرروز آباد عرف پندوه

mate independence of Bengal,—a monarchy which was destined so to grow in power and material wealth as to be competent, indirectly, in the person of Shír Sháh, to recover for the old Muhammadan interest the cherished capitals of the north, and, temporarily, to eject from Hindustán the Mughals who too hastily boasted of an easily-achieved conquest of the country “from Bhíra to Bahár”

Ilís Sháh's dates and mint cities may be summarized as follows :
 1. Firúzábád, A.H. 710, 711, 746, 747, 718, 719, 750, 751, 751, 755, 756, 757, 758. 2. Sumáraton, A.H. 753, 754, 755, 756, 757, 758.

TWENTY-THIRD KING (A.H. 752-790; A.D. 1351-1388)

On the 24th of Muharram, A.H. 752, Firúz bin Rajab presented himself before the retreating army of his cousin, in State parade, on an elephant, wearing the robes of Sovereignty over the funeral garments, which he insisted upon retaining in honour of his deceased relative; and his formal inauguration was completed by the subdued ceremony of his coronation by the surviving sister of Muhammad bin Tughlak, with the tiara of his two predecessors. His elevation to the throne was not, however, altogether unopposed, as Khwájah-i Jahán, the minister in charge of Dehli, crediting the reported death of Firúz, had innocently set up a supposititious son of Muhammad bin Tughlak. Eventually, Khwájah-i Jahán met the Sultán, on his approach to the capital, with every confession of penitence, which Firúz was only too ready to accept; but the

leading nobles insisting upon the necessity of punishment for so grave an offence, the unfortunate minister was sacrificed to political expediency.¹

Notably different from his energetic predecessor, Fírúz seems to have been a very weak character, addicted to wine, devoted to the chase,² credulous, but amiable and merciful withal to an extent that, in less quiet times, might have proved disadvantageous,³—a man who would select a governor by a *šūl* in the *Kuán*,⁴ and who, after having laboriously conducted his armies to the encounter, would withdraw them in the hour of victory from a desire to save the shedding of

¹ There is something pathetic in the story of his execution as told by Shams-i Siráj 'Alif. "Khawájah-i Jahán was more than eighty years old. His frame was wasted and feeble, and his hair was white. He was a kind-hearted man." On his dismissal by the Sultán, he was led to suppose that he was to pass the remainder of his days in retirement at Samana, but on the way the messenger of death overtook him, and he readily divined his fate. "Next day he asked Shír Khán for some tents, into one of which he went, performed his ablutions, and said his prayers, . . . he then looked at his executioner, and asked if he had a sharp sword, and the executioner, who was a friend of the Khawájah's, showed his weapon. The old man then told him to make his ablutions, say his prayers, and use his sword. When the man had completed his devotion, the Khawájah bowed his head to his prayer-carpet, and while the name of God was on his lips his friend severed his head from his body."—Elliot's *History*, in 286

² "His special biography sees nothing but virtue in Fírúz's order that the district of Anwálah should be retained waste for hunting purposes, otherwise it would quickly have become peopled and cultivated under the prosperous and fostering government of Fírúz" (in 353)

³ "In the whole of these forty years (of Fírúz's reign) not one leaf of dominion was shaken in the palace of sovereignty" (in 289).

⁴ "The Sultan never transacted any business without referring to the Kurán for an augury" (in 329). Here is an instance of his superstition given under his own hand—"Under the guidance of the Almighty I arranged that the heirs of those persons who had been executed in the reign of my late lord and patron, Sultan Muhammad Sháh, and those who had been deprived of a limb, nose, eye, hand, or foot, should be reconciled to the late Sultán, and be made content with gifts, so that they executed deeds declaring their satisfaction, duly attested by witnesses. These deeds were put into a chest,

the blood of the Faithful.¹ His generalship in his two campaigns to Bengal, and his eventual reduction of Tattah, seems to have been of the lowest order; and the way that he allowed himself to be deluded into the deserts of Cutch,² or the defiles of Jájnapur, seems to savour of positive fatuity.³ His kindness of heart led him to introduce many measures for the amelioration of the condition of his subjects, which, though often of very doubtful expediency, were clearly well intentioned in their inception, and based upon a very complete knowledge of the condition of the country, of which he was not only a native,⁴ but, by the mother's side, of good

which was placed in the *Dau-d auw* : at the head of the tomb of the late Sultán, in the hope that God in his great clemency, would show mercy to my late friend and patron, and make those persons feel recommended to him"—*Futuh-i Firnā Sháh*, Elliot's *Historians*, in p. 382, BRUCE'S *Persian*, i. 161, Syed Ahmad's *Work*, p. 29, *Journ. Asiatic*, 1860, p. 101.

¹ "He sent a trusty man across the river with orders, directing his forces to desert from battle and return to him"—Elliot's *Historians*, in 732. So also p. 297.

² "The guides who led the way and conducted them had maliciously misled them into a place called the Rann of Cutch" (in 321).

³ "For six months no news of the Sultán reached Dehli" (in. 315).

⁴ Those who would follow up the inquiry in more detail may be referred to Professor Dowson's exhaustive translation of *Shams-i Siraj 'Asif*, printed in vol. III of Elliot's *Historians*. The following are the leading items—

1. The system, condemned by the wise 'Alá-ud-din, of assignments of revenue in the form of *Jagirs* in lieu of direct payments (in pp. 289, 328, 346).

2. Credit given for the value of *Nazdina* presented at Court in the accounts of the feudatories (p. 340, also 357).

3. The assessment of 10 per cent. on the total outlay, or the cost price of the canals, as a rent-charge for the use of the irrigation water by the agriculturists (p. 301).

4. Separation of the private income of the Sultán from the State accounts (p. 302). See also p. 357.

5. The curious and only obscurely explained policy of collecting and employing organized bodies of slaves (p. 340).

6. Government gardens, and profits derived therefrom (p. 345).

Rājput blood;¹ while his *vizir* and confidential adviser was himself a well-born Hindú of Tilhngana,² whose son inherited his administrative functions in A.H. 772.³ The second *Khatm-i*

7. Firuz's determination to encumscribe his dominions, but to develop more fully their resources

8 Revenues of the kingdom incidentally detailed at 60,850,000 *tankahs*, or £6,085,000. The revenues of the Doab (of the Ganges and Jumna) alone placed at 8,000,000, or £800,000 (p. 316).

9 Amplification of the divisions of the coinage (p. 357). See also p. 277 *infra*

10 The cities, forts, palaces, *amirs* (*bands*), mosques, tombs, and caravan-serais (or *khankahs*) built by Firuz (p. 351), also Firishtah, i. 165.

11. Aid to the unemployed (p. 355)

12 Marriage portions for the daughters of needy Muslims (p. 361)

13 The institution of State hospitals for all classes, native or foreign (p. 361)

14. (A.H. 777). Abolition of vexatious taxes of various kinds (p. 363) *Total* loss to the State estimated at 3,000,000 *tankahs*, or £300,000 (p. 364). These cesses are more fully detailed under Firuz's own hand at p. 377 from his Futūhāt-i Firuz Shāh. See also Buggs's Firishtah, i. p. 463

15 Poll-tax levied on the Brahmans, who had hitherto been exempted. The full rate of the tax (the *Jizyah*) was 40 *tankahs*, 20 *tankahs*, and 10 *tankahs*, according to the several classes, but the Sultān reduced the demand on the Brahmans to one *fifty-kani* piece, or *'adali* for every 10 *tankahs* (p. 368, and original MSS.)

¹ She was the daughter of Rana Mall Bhatti, whose estates near Abohar were subject to Dabulpur, Ghāzi beg Tughlak's, special command.—Elliot's *Historians*, III. 272

² When Sultān Muhammad sent the Rai of Tilhngana to Dehl, *Kattā* accompanied him. On the death of the Rai, *Kattā* made the profession of the Muslim faith, and was entitled *Wakīl*. "Although he had no knowledge of reading or writing, he was a man of great common sense, reason, and intelligence" (in 367)

³ "When Khān-i Jahan held the fie of Multān, he had a son born to him. He wrote to acquaint Sultān Muhammad [Tughlak] Shāh of the fact, and that monarch directed that the child should be named Jūnān Shāh. This was the person who was afterwards known as Khān-i Jahan, son of Khān-i Jahan. After the death of his father [in 772 A.H.], the Sultān promoted him to the office of *vazir*, and bestowed on him this title. . . He acted as *vazir* under Firuz Shāh for twenty years, . . and the Sultān committed all the affairs of the kingdom to his charge. But towards the end of the reign of Firuz Shāh, enmity broke out between the minister and Prince Muhammad Khān, afterwards Sultān Muhammad Shah"—Shams-i Sirāj, Elliot's *Historians*, III. p. 371 (Khan-i Jahan was killed by Sikandar Khān, one of Muhammad Khān's officers, in A.H.

Jahán seems to have served his king faithfully for many years, till Fírúz's failing powers suggested a possible succession to the throne in his own person, which was, however, defeated by the Prince Muhammad Khán, who was thereupon associated in the government, in all form, as joint king and heir apparent. This arrangement was of brief effect, for the son was obliged to flee from the metropolis; and the father having, for the moment, again resumed his functions as sole Sultán, speedily relinquished all power to his grandson, the son of Fath Khán, who finally succeeded to the throne on the death of Fírúz, in Ramazán, 790 AH.

The reign of this monarch, though presenting few political incidents, is justly celebrated in the traditions of the land for the number and magnificence of the public works executed under his auspices. Ferishtah specifies no less than 845 undertakings of various kinds that the country owed to the constructive tastes of Fírúz Sháh.¹ The Sultán himself, in the autobiographical record he has left behind him, is more modest in his totals, but he clearly excludes the mention of many works of which we have palpable knowledge, and

789). The son has left a record of his coming to office, in 772 A.H., on the walls of the black Mosque, near the tomb of Nizám-ud-din Auliá, where he styles himself the *خانیچیان ابن خانیچیان* . . . *بند زاده راد*.—Syud Ahmad's Work, pp. 32-31 *ibid.*, facsimile Inscription, No. 10 (10*), Jour. Asiatique, 1860, p. 409. There is another inscription of Khan-i Jahán's on the Kalan Masjid, dated in AH. 789, in which he describes himself as

بند زاده درگاد جوانان شد منول المختار خانیچیان ابن خانیچیان
—Syud Ahmad's Facsimile, No. 11 (11*), p. 32. A full description of this Mosque, which is situated within the median walls of Delhi, near the Turkoman Gate (No. 5, Map), is to be found in the Journal of the Asiatic Society of Bengal (1847), p. 577, the joint contribution of Capt H. Lewis and Mr. Cope. The article is largely illustrated with plans and elevations, and furnishes a transcript of the inscription at full length.

¹ Briggs, i. 165.

which bear his name in the language of the people even at the present day. One of the most curious deficiencies a modern mind detects in the long list of buildings, canals, dams, bridges, and other works enumerated by him, is the total omission of even the name of a road, India's greatest want, and the deficiency of which facility of transit the Sultán had so signally experienced while personally in command of retiring armies. His canals, his best and most enduring gift, were confessedly prompted not by any kindly desire to aid and succour his subjects, but to make existence possible in the new towns his early Bhatta prodilections induced him to found in the deserts of Hânsi; and the commercial element in these beneficencies crops up amusingly when he seeks for ecclesiastical sanction for his share of ten per cent. on the outlay.

These undertakings will be referred to more fully, and recapitulated in his own words, in connexion with the notice of his inscriptions, which follows the enumeration of his coins.

No. 223. Gold. Weight, 167 grs. (B.M.)

Obverse—وانى سائد يزداني فيروز شاه سلطانى

Reverse—

ضربت هذه السكه فى زمان الامام ابو العباس احمد خلعت ملكه

No. 224 (pl. iv. fig. 113). Gold. Weight, 170 grs. (B.M.)

السلطان الاعظم	فى زمان الامام
سبغ امر المؤمنين	امر المؤمنين ابو الفتح
ابو المظفر فيروز شاه	خلعت خلافته
السلطانى خلعت ملكه	

ضربت هذه السكه بحضور * * * بن وسعمايه—*Margin*

Mr. Freeling possessed a dated piece of this class of 757 A.H.

No. 225. Weight, 168 grs Col (Guthrie).

Obverse—السلطان النظم سيف امير المومنين ابو المظفر فرورز شاد
السلطاني خلد ملكه

Reverse—ضربت هذه السكة في زمن الامام امير المومنين ابي النعمان
المعتمد بالله خلد خلافة

No 226 Gold Weight, 170 grs Unique. Gen T P Smith.

Obverse—السلطان النظم سيف امير المومنين ابو المظفر فرورز شاد
السلطاني خلد ملكه

Reverse { في زمن الامام امير المومنين ابي عبد الله خلد خلافة
{ Margin, ضربت هذه

No 227 Gold. Weight, 167 grs Small coin A. H. 788. (B. M.)

Obverse—فرورز شاد سلطاني

Reverse—٧٨٨ ياب امير المومنين

No. 228 (pl. iv. fig. 115). Silver and Copper Weight, 141 grs

(Average weight of six selected specimens, 139.5 grs.)

Dates observed, A. H. 759, 761, 762, 765, 766, 767, 768, 769, 770,
771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782,
783, 784, 785, 787, 788, 789, 790.

Obverse—فرورز شاد سلطاني ضربت دهلي

Reverse—الخمسة امير المومنين خلد خلافة ٧٧٣

No 229 Silver and Copper Weight, 54 grs

Obverse—فرورز شاد سلطاني خلد ملكه

Reverse—الخمسة ابو النعمان خلدت خلافة

No 230 Silver and Copper. Weight, 1.40 grs A.H. 784, 785.

Obverse as No. 228.

Reverse—الحسنة ابو عبد الله خلدت خلافة

No 231 Silver and Copper. Weight, 34.8 grs.

Obverse—فروز سلطاني

Reverse—بحسرت دہلی

No 232 Silver and Copper. Weight, 17.4 and 17.8 grs.

Very rare

Obverse—فروز شاد

Reverse—دہلی



No. 233. Copper. Weight, 68 grs

Obverse—فروز شاد سلطانی

Reverse—دار الملک دہلی

No 234 Copper Weight, 36 grs.

Obverse—فروز سلطانی

Reverse—بحسرت دہلی

No 235 (pl. iv. fig. 121) Copper. Weight, 55 grs

Obverse—فروز شاد سلطانی

Reverse—ابو العباس احمد

No 236 Silver and Copper. Weight, 8.4 grs. Very rare

Obverse—فروز سلطانی

Reverse—خلیفہ ابو النعمان

No. 237. Copper. Thick coin, much defaced. Weight, 106 grs.

Unique.

Obverse { Area—فیروز شاد
Margin—Illegible.

Reverse—أبو عبد الله خلعت خلافتہ

POSTHUMOUS COINS OF FIRUZ.

No. 238. Coins similar in types and legends to No. 228, bear respectively the dates A.H. 791, 799, 801, 804, 816, 817, 820, 824, 825, 828, 830

No. 239. Copper. Average weight, 68 grs. A.H. 800, 800.

Obverse—مرور شاد سلطان

Reverse—۶۹۹ دھنی دار الملک

Frequent reference has been made during the course of these numismatic inquiries to the system, traditional in India, of combining silver and copper in varied proportions for the purpose of providing for the gradational sub-divisions of the *silver tankah*. We now reach a period when the practical application of this indigenous theory was greatly extended and elaborated in its subordinate details; and simultaneously we obtain, for the first time, official recognition of the process employed in the Mint, together with a full enumeration of the various pieces deemed necessary for the monetary rates and exchanges of the shopkeeper and the ordinary *business* purchases of the people at large.

Shams-i-Siráj 'Afif, the special biographer of Firúz Sháh, gives the following account of the improvements introduced into the circulating media of the country during his patron's reign. Following out the principle I have laid down for myself elsewhere, I reproduce the *ipsissima verba* of the

author in preference to a mere translation, as furnishing a more formal and authoritative document in itself, which, though presenting no difficulty in its sense, may possibly serve to satisfy those who might otherwise seek to amend my interpretation

شرح بیان احوال سکھانے مہرشنس کابی بغلسٹ سلطان فرور شاہ
در طور عظمت و دور مکت خویش چون سلاطین اہل گمتی سکھاہ
بچندین نوع پدید آورد جنانچہ ننگہ زر و تنگہ نقر و سکہ جبل و
ہشت گانے و مہر بمست و پنجگاہ و نمست و چہار گانے و دوازده گاہ
ودہ گانے و ہشنکائے و ششکائے و مہر بک جیتل حو فرور شاہ
بچندین اجناس بی نیاس مہر وضع کرداند بعدہ در دل مارک
نالیام حضرت حنی نمارک و تعالی گذراند اگر بچارہ مہراز اہل
بازار چیزی خرید کند و از جملہ مال او ہم جبل و یا دانکی بانی
ماید آن دوکاندار دانکہ خرد ندارد اگر این را دگداری آن نافی براو
نگذارد صایع روڈ اگر از آن دوکا ندار طالب کند چون آن مہر بمست
از کجا نامی اودہد برین وجود میان نایع و مشنری مغالت این
حالت بتناول کشد سلطان فرور شاہ فرماں فرمود کہ مہر ہم جمل
کہ ابرا ادد گوید و مہر دانکہ جمل کہ ابرا بیکہ گوید وضع کنند
نا عرض فترا و مساکن حاصل شود¹

¹ The above passage was originally quoted in my Supplement (Dohi, 1851) from the then supposedly unique copy of the *Tārikh-i Firās Shāhi* of Shams-i Su'ay 'Afī, in the possession of the Nawāb Zia-ul-din Khān of Lohānū. It has now been collated with and improved from two additional versions, the one contained in MS. No. 1002 of the old India House Library, the other supplied by a MS. lately purchased for the India Government at the sale of the Marquis of Hastings. A full notice of these MSS. is to be found in Professor Dowson's preface to his translation of the work itself in *Elliot's Historians*, iii. p. 270

We gather from this passage that Fírúz continued to issue gold *tankahs* at the old 175 grain weight, to which, indeed, his extant coins bear testimony; but we miss any examples of the 200 grain gold pieces introduced by his predecessor. It is not, however, so clear as to what the weight of the silver *tankah* here alluded to was estimated at. Critically following the meaning of the term *tankah*, it should have corresponded with the measure of the parallel gold piece and that of the ancient silver *tankah* of 175 grains; but we meet with no silver coin of this amount, though there are numerous examples of coins weighing 140 grains, some of the less alloyed specimens of which may answer to the full 'adali; but, as has been already remarked (pp 219, 237), the issue of *tankahs* and 'adalis seems to have been rather kept in abeyance, the abundance of gold coin now in circulation having relieved the silver currency of much of its early responsibility, so that the mint operations were chiefly devoted to securing a full supply of the groats and other alternative fractions of the Indian system. The gradational sub-divisions in the new coins provided by Fírúz are clearly designed to meet the fractional parts of the new 110 grain coin, while the sixty-fours of the old system are fully kept in view, both for the sake of the fundamental *kán* estimate in itself, as well as to secure the correspondence with the old 175 grain silver *tankahs*, which must still have constituted a large proportion of the local currency, notwithstanding that Muhammad bin Tughlak's momentary effort to restore the old weight may have been unsustained: in so much so, that we find the ancient *tankah* fully re-established in the reign of Mubárak Sháh II.¹ (A.H. 835); and Tímúr had already testified that

¹ These coins gave us the nearest approach to the *estimat* of 175 grains of the normal *tankah* hitherto observed, rising up to a still preserved weight of 174 grains, and the silver money of Muhammad bin Faiz completes the evidence in an existing weight of 175 grains.

the bulk of the coin found in the royal treasury at Dehli, on its capture in 801 A.H., consisted of the old *tankahs* of 'Alá-ud-dín Klulji.

Under this dual system, fractional pieces are seen to have been ranged in the following order.—

- a. $\frac{1}{8}$ $\frac{1}{4}$ ths of 175 grains of silver (*i.e.* 131 $\frac{1}{4}$ grains) or 48 *kánus*, that is $\frac{1}{8}$ ths or $\frac{1}{4}$ ths of the old *tankah*.
- b. $\frac{3}{8}$ ths of 140 grains of slightly alloyed silver¹ (the *nisfi*) or $\frac{1}{2}$ of the '*adali*.'
- c. $\frac{3}{8}$ ths of 175 grains, or $\frac{1}{4}$ ths or $\frac{1}{6}$ ths of the old *tankah*.
- d.² $\frac{1}{4}$ ths of 175 grains, or $\frac{1}{6}$ ths of the old *tankah*.
- e. $\frac{1}{6}$ ths of 140 grains, or $\frac{1}{3}$ of the '*adali*.'

Added to these were the old *hasht-kánus*, *do-kánus*, and *ek-kánus*, of which coins we have absolute examples among Muhammad bin Tughlak's issues; while the *shushkánus*, for which credit is especially claimed, as a novelty, originated by Firúz, seem to have been already in existence in the form of coined money, otherwise it is difficult to understand how the African travellers should so constantly refer to them in their estimates of prices. Very possibly the laudations of the biographer only refer to the introduction of a larger and more systematic supply of these pieces, effected when Firúz revised the general scheme of the then current coinage. Two of this monarch's minor triumphs may well be conceded to him—the institution of half and quarter *jittahs*. These fractions could already be met by payments in simple copper, as the 4 *fuls* in that metal sufficiently supplied the needful change under the old system; but Firúz's aim seems to have been to produce these small pieces in mixed copper and silver for the sake of the

¹ 25 *kánus* of pure silver would be equal to 68 359 grs

² The $\frac{1}{6}$ ths, or *shusnahkánus* of Muhammad bin Tughlak's divisional scheme, seems to have fallen out of circulation at this period. See page 219 *ante*.

more portable form the composite alloy would secure. And this, it must be confessed, is the grand merit of the entire scheme of a coinage of mixed metals; it did for a race who rigorously exacted full metallic values what a token currency in the subordinate metals does for the European civilization of this day; and in these very minute subdivisions, it provided, moreover, a tangible piece of money in the place of a star or flake of silver,¹ which a breath of wind would blow away, equally as it avoided the inconvenient weight incident to the lower value of pure copper. These new pieces were severally denominated *'adha* ادھ "half" and *bikh* بیکہ (probably the appropriate vernacular *bikh* بیکہ "alms," *ὀβολός*). The latter coin may be identified with No. 282, which is the very smallest *bit* contributed by any available specimen of Firúz's money.

I took the opportunity, during my last visit to Delhi, of having a number of Firúz Sháh's coins assayed by the ordinary native process of blowing-off the copper with lead, a process which, when carefully conducted, affords a reasonably sufficient test,² which in other cases was confirmed by more

¹ The *kani* or *jital*, supposing it to have been made in unalloyed silver, would have required 2.73137 grain, of that metal, so that the quarter *jital* would have weighed only .68358 grains, or less than 7-10ths of a grain fine. Those who are in the habit of using decimals of grains in more exact experiments will understand what this means.

² It must always be borne in mind that this was precisely the ultimate assay test within the reach of the authorities of the day, of which we have an amusing episode in the deterioration of these identical *shashkunas*, effected by a false Mint master, one 'Kajá Sháh," who, in 772 A. H., ventured to put forth these coins at a depreciation of one grain of silver in the 16.4 odd grains of silver, less the copper alloy, by law required. Certain informers having reported this fact to the Vazir, a trial of the pix was instituted before the Sultán himself, aided by all the outward formalities of stopping the immediate operations, but insidiously allowing the ascertained deficiency of silver to be introduced into selected bits of charcoal, which, when thrown into the cupel, restored the legitimate balance,—a result

formal analysis, according to the European method. On this occasion of personal superintendence of the assay itself, I satisfied myself of the extraordinary aptitude of the local experts in judging of intrinsic contents, by exacting a preliminary declaration on their part of the amount of silver each individual coin might be expected to yield. In certain cases of old and dirty pieces, recourse was had to a clearing of the surface by rubbing, when the glint of the silver soon indicated its proportion in the general total, but usually the feel between the thumb and the sensitive fingers of the professional assayer enabled him to pronounce a strikingly near approach to the weight of silver the operating goldsmith produced in the final button of silver. The following is the result of these different assays of various specimens of coin No. 228.—

No	1	S C	Wt	141 grs	A.H	765	Result, 12 grs silver.
"	2.	"	"	131.5 grs.	"	767	" 23 " "
"	3.	"	"	132 2 "	"	771.	" 18 " "
"	4	"	"	140 grs.	"	781.	" 24 " "
"	5.	"	"	140 "	"	788.	" 17 " "
"	6	"	"	140 "	"	788	" 18 " "
"	7.	"	"	132 "	(No date)	"	" 19 " "

It will be seen that in these returns of pure silver we have optional examples of at least three several degrees of value—the minor variations may fairly be attributed to the want of homogeneity in the mixture of the metals, and which would probably be rectified by taking an average of a larger number of specimens. In each case, it must be remembered, allowance has to be made for the value of the copper, amounting

rejoiced over by the Vazir and seemingly silently acquiesced in by the Sultan, though the overt act of the proclamation of the purity of the public money, and Kajar Shâh's rehabilitative promenade through the city, was speedily followed by his abrupt dismissal on other pleas—*Delhi Archaeological Journal* (Captain H. Lewis's translation), Sept 1849, p. 32. Elliot's *Historians*, ii. p. 358.

in many instances to over 120 grains, which proportionately reduces the total of pure silver required to complete the intrinsic value of each denominational piece. Nos. 2 and 4 may, under these limitations, stand for 10 *kāni* pieces; Nos. 3, 5, and 6, for irregular examples of a *hashtkāni*; and No. 1 for a *shashkāni*; but these identifications are purely speculative, and encumbered with many elements of discord in the minor details, so that, in testing authoritative values for any purposes of comparison of prices, it will be far better to rely upon the clearly ascertained fractional divisions of the *tunkah* of 175 grains of fine silver, the declared equivalent of 64 *kānis*.

PRICES OF GRAIN DURING FĪRŪZ SHĀH'S REIGN.¹

1	Wheat	کندم	per <i>man</i> . .	8 <i>ḡitals</i> .
2.	Barley	جو	" . .	4 "
3	Gram (<i>Cicer arvense</i>) . . .	نحو	" . .	4 "
4	Coarsely-ground grain for horses, دلبند ²	10 <i>ḡirs</i> . .	1 <i>ḡital</i> .	✓
5	Ghi	روغن سرور	per <i>ḡir</i> . .	2½ "
6	Sugar	شکربری	" . .	3 to 3½ <i>ḡitals</i> .

Q Inscription of Fīrūz on the 5th story of the Kutb Minār,
dated A.H. 770³

درین مسرد سنه سبعین و سبعمایه بافت برق خلل راد یافته بود
بتوفی ربانی درکشده نهایت ستحای مروز سلطانی این مقام را
باحسناط تمام عمارت کرد خالق بیچون این مقام را از جمع
آفات مصون داراد

¹ Shams-i-Shāh 'Afif. The returns Nos. 5 and 6 are derived from a marginal addition in the Marquis of Hastings's MS.

² The Persian texts give دلبند, the *local* word is دلیه or دلبا, द्विदल (from دلا) "half ground," "split peas." The native term extends to all sorts of horse mashes, which the people of India have great faith in.

³ See Ewer's Inscriptions, As. Res. xiv. 188, and Syud Ahmad's facsimile, 26.

This inscription has an important bearing upon the history of the Minaret itself, though it merely tells us that Fīrūz repaired the damage caused by lightning, but taken in connexion with the Sultān's own words, in his autobiography, we gather a distinct affirmation that the Minaret was commenced under the auspices of Mu'izz-ud-dīn Muhammad bin Sāmī, which fully bears out the suggestive reading of the name of Kutb-ud-dīn *Shāhsūdār* (adverted to at page 23 *supra*), as still legible upon the bands of the lower story. The Sultān's expressions, at the same time, dispose of a very ingenious theory lately propounded by a Civil Engineer, that Fīrūz himself actually *built* the two upper stories of the Minār;¹ that he raised its height is

¹ "As regards the age of the various portions [of the Kutb Minār] as they now stand, the most superficial examination will show that the three lower stories, whilst they are identical in style and construction with the work of Altamsh, differ completely in both particulars from the two uppermost ones. In the former, except the outer casing, which is of sandstone (no marble being used anywhere), the walls are of cut granite, so too are the central pillar and the steps, which latter are not plain lintel blocks, but are carried upon corbels projecting from the walls. All the doorways and openings have fluted horizontal arches, the sandstone is old and discoloured and the ornamentation dates from Altamsh and Kutb-ud-dīn's time. In the two upper stories all is changed, the walls, steps, and central pillar are of bright red sandstone, while marble being introduced into the outer face, the steps have no corbels, the arches have true voussoirs, and the ornamentation is identical with what we find prevalent in the latter half of the 14th century. We are thus warranted in assuming that these two stories were *newly designed* and built by Fīrūz Shāh in A.D. 1368. General Cunningham agrees as far as the fifth story is concerned, but thinks the fourth is original, as the inscription over the doorway dates from the reign of Altamsh. But this doorway is exactly similar to the one above, it is built of similar stone, is of a similar shape, and, like it, has true voussoirs, it is clear, therefore, that the old tablet of Altamsh had been simply rebuilt into the new work of Fīrūz Shāh."—Notes on the History and Topography of the ancient cities of Dehli, by C. S. Campbell, C.E., Journal As Soc Bengal, 1866, p. 199

It is difficult to understand how, in the course of all this elaborate argumentation, based upon merely technical data, Mr. Campbell failed to refer to so simple an

incontestable, but the tenor of his words would certainly

item of evidence as that quoted by Zia-ud-din Khán of Loháru in the first instance (Dehli Arch. Journal, 1852, p. 29), and prominently noticed by Gen. Cunningham (Arch. Report, p. 32), that the celebrated geographer, Abul Fida, had, some time before his death, in 732 A. H., or necessarily twenty years prior to the accession of Firúz, put upon record that the *Masjid* of the Jám'i Masjid at Dehli counted 360 steps in its circular ascending staircase. Now, considering that the utmost limit this monument is ever known to have reached under all subsequent additions is 370 steps, it would be impossible, under such conditions, to concede to Firúz Sháh the construction of two complete stories, and very lofty stories, as they fall in the general proportion to the total height, even if the very moderate increase he claims to have achieved did not otherwise determine the question. In a similar spirit of eccentric originality and needless antagonism to General Cunningham, Mr Campbell goes on to communicate one of the most singular propositions ever put forward by an archaeologist, to the effect that "the citadel" of Rai Pithor's fort, "when rebuilt by 'Ala-ud-din, received the name of *Siri*" (p. 211), and again, 'Kuth citadel . . . rebuilt by 'Ala-ud-din, A. D. 1301, and renamed by him *Siri*' (p. 216). In his attempt to support this novel theory, the late Executive Engineer of Dehli entirely disregards the important testimony of Ibn Batutah, that the "*Dár ul Khiláfat Siri* was a totally separate and detached town, situated at such a distance from Old Dehli as to necessitate the construction on the walls of *Jahán Panáh* to bring them within a defensive circle, and that the *Ikut-i-Khus* intervened, in an indirect line, between the two localities" (in pp. 116, 155). Mr Campbell's interpretation of the evidence of the Zafar Námah is equally imperfect. What can be more distant than the details given at the time of the publication of Messrs. Cope and Lewis's plan, to which he refers for the refutation of Gen. Cunningham's position, than the statement (at p. 24 of the self-same number of the Dehli Archaeological Journal), that "*Siri* was circular, and surrounded on all sides by a wall" (a similar wall surrounded Old Dehli), and from "that wall of *Siri* . . . to that wall of Old Dehli . . . there are built walls on both sides, the space between which is called *Jahán Panáh*." If anything were wanting to confute the whole rationalisation, Mr Campbell's own arguments would complete the case against him. Nor only is he obliged under the terms of his own reasoning to invent an imaginary *Siri* in the suburbs of his "New Dehli of the 15th century," (extending from Indrapat to Khizrabad on the banks of the Jumna), and affirmed by him to have been called "*Siri* by Shari-ud-din," but the very passage he cites with so much emphasis, from a choice copy of the *Ain-i-Akbari*, is positively and emphatically conclusive of his own fallacy. What can possibly be more definite than the statement of Abul Fazi, that

سلطان علاءالدین شہر دیگر بساد بہاد قطعہ نو تر ساخت آبرا سري کويہ
 "Sultán 'Ala-ud-din built another city (and) a new fort, which they call *Siri*"?

not extend to a claim to two stories of the whole edifice.¹

R. Inscription in Chnāgh Dehli, dated A.H. 775²

بسم الله بمساند کرد عمارت این کعبه مسجون در عهد مجوس الوانی
بنائب الرحمان ابو المتوفى فروز شاه السلطان خلد الله ملكه سال
برهفتصد همناد پنج از تاریخ هجرت رسول الله صلى الله عليه وسلم

S. Inscription of Firúz Sháh at Benares, from an impression on paper taken by Gen. A. Cunningham, dated A.H. 779=A.D. 1375.

The Inscription is engraved on one of the stone roof-beams of the edifice on the western bank of the Dulavaya Kund

بسم الله الرحمن الرحيم
از عيون و عنايت ربانى و نائب فضل بردانى مسجد و گنبد دهلز و
چهره و برديان حوض و محوطه مقام مشتركه سید شجرالدين شهيد علوى
طاب الله نراد و جعل الجنة منواد بهجده سلطان الاعظم الوانى نئند

¹ و مناره سلطان معزالدين سامرا كه از حادثه برى افتاده بود بهتر از
آنكه بود از ارتفاع فديهي بلندتر مرست كرده شد

—MS. Futūhāt-i Firuz Shāh.

I see that Shams-i-Su'ay 'Alif erroneously attributes the Kutb Minār to Altamsh —Elliot's *Historians*, iii 353.

² Chnāgh Dehli occupies a prominent position in the illustrative plan of the environs of Delhi, near Shāhpūr and Klauki. The shrine seems to have been originally erected in 775 A.H. by Firúz Sháh, within the encircling of Jahān pādāh —Syud Ahmad, pp 36, and facsimile, No 21, p. 31 bis, *Journal Asiatique*, 1860, p. 410.

الرحمن ابو المتنفر فروز شاد السلطان خلدالله ملكه عمارت سد
مسكن صاء احمد كرد حق تعالى بنده مسكن خود را عمارت
بخسر گرداند بحق محمد و اله اجمعين في السنة ٧٧٧ من شهر ربيع
الاول سنة سبع و سبعين و سبعمائة

I have selected the above inscription, in preference to any further citations of Fírúz Sháh's proper epigraphs, for several reasons—it is new and virtually unpublished,¹ it affords a fresh example of the avowed Muslim policy of appropriating Idol temples, for which Benares offered an unusually ample field.

The inscription records, in curious concert with the mixed style of the various buildings referred to, that one Zilá Ahmad, a true believer, by the aid and grace of God, "built or repaired the mosque, with the dome over the vestibule, or outer entrance porch, the reception chamber;² the steps of the reservoir or tank, and the encircling wall of the shrine of Syud Fakhr-ud-dín, the descendant of 'Alí, in a. n. 777." Most of these edifices had been elaborately traced and described by Messrs. Horne and Sherring prior to the discovery of the inscription. The following passages from their joint article in the *Journal of the Asiatic Society of Bengal* (1865), p. 1, will put the reader in possession of a general view of the locality and the more material constructive details of the

¹ I exhibited General Cunningham's paper impressions, with some brief remarks, at a meeting of the Royal Asiatic Society, on the 1th of July, 1870.

² Syud Ahmad informs me that the technical meaning attaching to *چمد* in *India*, is a small chamber subordinate to the Mosque, in which the servant of the shrine lives, and in which pilgrims and others occasionally find a refuge.

buildings. The inscription itself is cut upon one of the stone beams of the flat-roofed structure upon the western bank of the reservoir, which is thus noticed :—

“Ascending the terrace, you come to the building itself. . . The beams and slabs constituting the roof are in some cases 9 feet in length, and the roof is supported by three rows of immensely thick stone columns, the capitals of which are in the form of a cross. The cornice decorating the walls is not of modern narrowness, but is 12 inches deep, and is ornamented with carvings of various elegant devices. The outer wall on the western side is strengthened by a huge buttress of stone, 14 feet wide and 15 feet high.”

“To the south of the tank is a *ghaut*, the stones of which are scattered about in great disorder, so that, looking at it from a distance, it has the appearance of an utter ruin. And such it really is. But it is nevertheless a comparatively modern structure, for the stones of which it is composed, judging from the elaborate and finished carvings on many of them, have been contributions from fallen edifices in the neighbourhood.

“At the south-west corner of the tank . . . overhanging the Kund, is a huge breastwork of stone, on the top of which is a spacious court-yard and a Muhammadan Dargah, or place of prayer .

“To the east of the Dargah is a small mosque, 37 feet long by 19½ feet broad, open to the east, and supported by three rows of pillars, five in each row. The pillars in the second row have deep peoill carvings on their sides with ornamental corners, consisting of Lotus seed-pods one on another.”

“ . . . Some parts of this building are certainly original; and there can be no doubt of the antiquity of the pillars, which belonged to some Buddhist [Hindú] cloister, or of the fact of the modern character of the inclosing wall.

“A few steps off, is an inclosure in the form of an irregular parallelogram, a wall being on either side, and two small Buddhist [Hindú] buildings at its extremities. That situated at the northern extremity is in some respects like the mosque just described. Its carvings, however, are not all the same, and its ornamental band is of a very ancient type. There is a small building used as a Ranza

attached to its north-west angle, and sustained by ancient pillars and modern walls. The building is surmounted by a low cupola of primitive construction. It is not unlikely that originally there were cloisters on this bank of the Kund, and that the three small buildings just described were all at one time connected together."

If we could determine with any certainty when the Indo-Arabian Saint entitled Fakr-ud-dín 'Alau flourished,¹ we could, perhaps, better estimate and more definitely check the extent of the original or secondary work performed by the pious Muhammadan of Benares of the second half of the seventh century of the Hijrah.

FIRUZ SHÁH'S PUBLIC WORKS

Fírúz Sháh's too modest enumeration of his own good works, as recorded in his autobiography,² is reproduced in

¹ Syud Ahmad speaks of a Fakr-ud-din Salib in his notice of Chiragh Dehlí, but he gives no intimation of the epoch at which he flourished (p. 33), *Journal Asiatique*, 1860, p. 110.

² Nizám-ud-dín Ahmad tells us that the text of this brief chronicle, entitled *فتوحات فیروز شاہی*, was engraved on the octagonal dome of the Jami' Mosque at Fírúzábád

و در مسجد جامع فیروز آباد بنا نهاده و مشتمل است بر هشت طرف
آن کنید مضمون این کتاب را هشت باب خصال کرده فروده است
See also Briggs's *Firozshah*, i. 462. Syud Ahmad's *Wark*, p. 34, under مسجد
جامع فیروز آباد, and J. R. A. S. iv., N. S., 416.

The *Futūhāt-i Fírúz Shāhi* opens with the following word, couched in the first person singular —

من باجارد مسکین فیروز بن رجب غلام محمد شاد بن تعلق شاه *

extenso in the note below¹ Its chief merit consists in the information it affords regarding the archæological monuments of Old Delhi. Shams-i-Siráj's list is far more comprehensive, and enters into numerous interesting constructive details, and

¹ "Among the gifts which God bestowed upon me, his humble servant, was a desire to erect public buildings. So I built many mosques and colleges and monasteries, that the learned and the elders, the devout and the holy might worship God in these edifices, and aid the kind architect with their prayers. The digging of canals, the planting of trees, and the endowing with lands are in accordance with the directions of the Law

Again, by the guidance of God, I was led to repair and rebuild the edifices and structures of former kings and ancient nobles, which had fallen into decay from lapse of time, giving the restoration of these buildings the priority over my own building works. The *Shih-i-mayyad* of Old Delhi, which was built by Sultán Mu'izz-ud-din Sam, had fallen into decay from old age, and needed repair and restoration. I so repaired it that it was quite renovated

The western wall of the tomb of Sultán Mu'izz-ud-din Sam, and the planks of the door, had become old and rotten I restored this, and, in the place of the balcony, I furnished it with doors, arches, and ornaments of sandal-wood.

The *minarah* of Sultán Mu'izz-ud-din Sam had been struck by lightning. I repaired it and raised it higher than it was before.

The *Hauz-i Shamsi*, or tank of Altamsh, had been deprived of water by some gruelers, men, who stopped up the channels of supply I punished these incorrigible men severely, and opened again the closed-up channels

The *Hauz-i 'Alai*, or tank of 'Ala-ud-din [the *Hauz-i Khá*], had no water in it, and was filled up People carried on cultivation in it, and had dug wells, of which they sold the water After a generation (*kurán*) had passed, I cleaned it out, so that this great tank might again be filled from year to year.

The *Madrashah* (college) of Sultán Shams-ud-din Altamsh had been destroyed I rebuilt it, and furnished it with sandal-wood doors The columns of the tomb, which had fallen down, I restored better than they had been before When the tomb was built, its court (*sahn*) had not been made curved (*kay*), but I now made it so. I enlarged the hewn-stone staircase of the dome, and I re-erected the fallen piers (*pushés*) of the four towers

Tomb of Sultán Mu'izz-ud-din, son of Sultán Shams-ud-din, which is situated in Malikpúr. This had fallen into such ruin that the sepulchres were undistinguishable. I re-erected the dome, the terrace, and the inclosure wall.

Tomb of Sultán Rukn-ud-din, son of Shams-ud-din, in Malikpúr. I repaired the inclosure wall, built a new dome, and erected a monastery (*khaniqah*).

Tomb of Sultán Jalál-ud-din. Thus I repaired, and supplied it with new doors

the motives which led his patron to commence some of his exceptional undertakings. Nizám-ud-dín Ahmad's totals, on the other hand, though not so obviously exaggerated as Ferishtah's, are clearly fanciful, especially in the number of *even* hundreds they display.

Tomb of Sultán 'Alá-ud-dín. I repaired this, and furnished it with sandal-wood doors. I repaired the wall of the *Abdúl Láhah*, and the west wall of the mosque, which is within the college, and I also made good the tessellated pavement (*farsh-i túshab*)

Tomb of Sultán Kutb-ud-dín and the (other) sons of Sultán 'Alá-ud-dín, 117. Khizr Khán, Sháhi Khán, Fawz Khán, Sultán Shaháb-ud-dín, Sikandar Khán, Muhammad Khán, 'Usmán Khán, and his grandsons, and the sons of his grandsons. The tombs of these I repaired and renovated

I also repaired the doors of the dome, and the lattice work of the tomb of Shaikh-ul Islám Nizám-ul hák wa-ud-dín, which were made of sandal-wood. I hung up the golden chandeliers with chains of gold in the four recesses of the dome, and I built a meeting-room, for before this there was none

Tomb of Malik Táj-ul Mulk Kafur, the great *vazir* of Sultán 'Alá-ud-dín. He was a most wise and intelligent minister, and acquired many countries, on which the horses of former sovereigns had never placed their hoof, and caused the *Khutba* of Sultán 'Ala-ud-din to be repeated there. He had 52,000 horsemen. His grave had been levelled with the ground, and his tomb laid low. I caused his tomb to be entirely renewed, for he was a devoted and faithful subject

The *Diwán-i áman*, or 'house of rest.' This is the bed and resting place of great men. I had new sandal-wood doors made for it, and over the tombs of these distinguished men I had curtains and hangings suspended.

The expense of repairing and renewing these tombs and colleges was provided from their ancient endowments

Jahán-purá. 'This foundation of the late Sultán Muhammad Sháh, my kind patron, by whose bounty I was reared and educated, I restored

All the fortifications which had been built by former Sovereigns at Delhi I repaired

I was enabled by God's help to build a *Diwán-shi'fa*, or 'hospital,' for the benefit of every one, of high or low degree, who was suddenly attacked by illness, and overcome by suffering. Physicians attend there to ascertain the disease to attend to the cure, to regulate the diet, and to administer medicine. The cost of the medicines and the food is defrayed from my endowments. All sick persons, residents and travellers, gentle and simple, bond and free, resort thither, their maladies are treated, and, under God's blessing, they are cured."—Futúhát-i Firúz Sháh, translated in Elliot's *Historians*, iii. 382.

Among the many works of direct utility or more enduring fame, there are three of Fīrūz Shāh's exploits which claim especial notice in this place—two of them as intimately associated with the history of the capital, and the third as having given an impetus to the development of the resources of the land which we participate in to this day. The first of these operations was the removal of the Court to the new city of Fīrūzābād, whose outline may be roughly traced on the illustrative plan as extending from Indrapat ("Indiput Fort") along the Jumna by Fīrūz Shāh's Lāt ("Feroze Shaw Pul Lath"), up to the Kūshk Shikār ("Shah Fukeer Lath"), covering a distance of more than six miles, and embracing the lands of eighteen separate townships.¹ The second enterprise, which possesses considerable antiquarian interest, was the removal of the two Monoliths or *Lāts* of Aśoka from their normal sites near Khizrābād and Meerut respectively, and their erection, the one in the *Kūshk* of Fīrūzābād and the other in the *Kūshk*-i Shikār.² Both these monuments are inscribed with letters of the earliest-known archaic Pali characters, embodying the Edicts of King Aśoka, the ardent propagator of Buddhism, promulgated by him in the 27th year of his reign (about 230 B.C.). The Khizrābād pillar also bears on its surface a later inscription of Vīśala-deva, *Vigraha Rāja*, dated in Samvat 1220 (A.D. 1164).³ On the arrival of these columns at Dehli, Indian

¹ Sham-ı-Su'ay 'Afif, Elliot's Illustrations, iii 303.

² Prinsep's, Essays, i 321, Journal Arch. Soc. Dehli (1819), p. 29.

³ Colebrooke, Asiatic Researches, viii 130. Journ. As. Soc. Bengal, 1861, p. xxxii, Prinsep's Essays, i 325. There is an engraving of Fīrūz Shāh's Kotila, with the column standing in the centre, copied from a drawing made in 1797, published in the seventh volume of the Asiatic Researches, p. 180. See also vol. i p. 379.

"The golden pillar is a single shaft of pale pinkish sandstone, 42 feet 7 inches

Pandits were summoned from far and near to decipher and explain the ancient writings on their surfaces, but they, one and all, failed to detect any trace of the symbols of their own every-day writing in the prototype of sixteen centuries anterior use,¹ and it remained for that most prominent of our Indian archæologists, James Prinsep, to rescue from oblivion the sacred alphabet of the Buddhists, to interpret the tenor of their then germinating professions of faith, and to reconstruct the progressive alphabets of India, whose modern derivatives are found to spread in so many varied forms over the entire continent of India, and to have penetrated into proximate lands, where the modern representatives of learning would assuredly deny their exotic origin.

Though the untutored eye may at first fail to recognize these identities, amid the conflicting agencies of crudities of vernacular definition, complications demanded by alien speech, and divergencies incident to materials and methods of writing, there can be no possible doubt but that, whether chiselled on stone, graven on metal, impressed upon clay, written with ink on primitive birch bark or more refined paper, or, as a final test, pierced with the iron style on

in length, of which the upper portion, 35 feet in length, has received a very high polish, while the remainder is left quite rough. Its upper diameter is 25 3 inches, and its lower diameter 38 8 inches."

The second of Asoka's Dehli pillars is now lying in five pieces near Hindú Rao's house, on the top of the hill to the N W of Sháhjahánábád. The whole length of these pieces was 32½ feet—upper diameter, 29½ inches, lower diameter, 33 44 —Gen. Cunningham, Arch. Report, 1862, pp 17, 19.

A somewhat similar Monolith was erected by Firúz in the Fort of Hussár — Journ. As Soc Bengal, 1838, p 429

¹ It is easy to understand the difficulty these unimaginative interpreters may have felt with the old Lát alphabet, but they must have been more than ordinarily obtuse or intentionally reticent if they failed to read the inscription of Visala Deva, the characters of which are but little removed from the more recent varieties then current in the land.

Southern palm leaves, the entire range of existing characters now in use from Sind to Annam, however seemingly discordant, must all confess to the common parentage of some given form of the alphabet of the Pre-Aryan indigènes, the earliest extant example of which, in its lapidary or rock inscription form, dates at the very lowest estimate in 250 B.C.¹

The most important feat of Fīrūz Shāh's reign was, however, the construction of a double system of canals to supply his new city of Hissār Fīrūzah, the head waters of which were drawn both from the Jumna and Sutlege; the former branch, but little modified, still supplies our British subjects in the nineteenth century along the full 200 miles of its ancient banks. The Sutlege section, which is stated to have joined the main line at Karnāl, can still be indicated from Rūpār to Sirhind.² The old line of the Jumna branch was carefully traced by Col. Colvin in 1833,³ and may be followed on the modern maps from Bādshāh Mahal at the débouchement of the river from the outer range of the Himalaya, by Chichroli and Būriah to Karnāl,⁴ through the cut-

¹ J R A S. I., NS, p. 166.

² "Line of levels between the Jumna and Satlaj Rivers."—Lieut. Baker, Jour.

³ See Bengal, 1840, p. 688.

⁴ Jour As Soc Bengal, 1833, p. 105

ایک جوی از لب آب جون کشده و جوی دوم از دهانه لب آب
ستلج آورده از لب آب جون جمانجه رجدره [رجبواہ var.] و جوی
الغمانی [العمانی] دهانه این هر دو جوی ار انصال کرنال نیرون
آوردہ مبان هشناد کرور کردہ در شہر حصار فبروزہ بردہ

—Shams-i-Sulāj 'Aḥf MS.

We have a curious antiquarian document connected with the history of Fīrūz

ting below Uncha Samána, into the eastern branch of the Chitang river,¹ near Sufídún, and thence through the old bed of the Chitang to Hási and Hissár. The introduction of the water of this canal into the city of Dehli, which is noted (partly in pencil) on the plan of Col. Mackenzie as the "ancient canal of Firoz Sháh," dates in reality only from the time of 'Alí Murdán Khán, early in the 17th century.

Sháh's canals, in the form of an official *Sanad* or grant of the Emperor Akbar, dated A.H. 978, the opening of which specifies "the Chitang Naddi, by which Fíróz Sháh Bádsháh, 210 years ago, brought water from the *nádis* and drains in the vicinity of Sádhaurah, at the foot of the hills to Hási and Hissár." —Col. Yule, *Jour. As Soc Bengal*, 1846, p. 214. Col. Yule adds in a note, "Sádhaurah is a town in the Ambálah district, about twenty miles west of the Jumna. The river flowing past Sádhaurah is the Markanda, but the sources of the Chitang are only seven or eight miles distant."

Of Fíróz's other great work for the supply of water for the environs of Dehli, we have only casual mention by Tímúr, who, in speaking of the capture of the Fort of *Loni*, describes it as situated between the two rivers Jumna and Hindun, the latter of which is stated to be a large canal constructed by Fíróz Sháh, taken from the Kalanádi, and connected with the Jumna opposite Fírozábád.

See also Col. Colvin's Notice, *Jour. As Soc Bengal*, ii p. 111.

¹ The Chitang was one of the sacred rivers of the Brahmans, embalmed in 'Manu,' as "between the two divine rivers *Sarasvatí* and *Drishadvatí* (Chitang), lies the tract of land which the sages have named *Brahmavarta*, because it was frequented by gods" (ii. 17). "*Kushhetí* (modern Dehli), *Matya* (on the Jumna), *Panchála* (*Kanyakubja*, Kanauj), and *Sárasena* (Mathurá), form the region called Brahmarsí, distinguished from Brahmavarta" (ii. 19). See also Dr. J. Muir, *J. R. A. S. ii*, N.S., pp. 12, 18; Wilson, *Megha Duta*, pp. 356-7-8.

The improved texts and translations of Tímúr's memoirs, now available, enable us to fix with precision the site of the ancient city of Sarsuti, which proves to be identical with that of the modern town of Sirsah, lat 29° 31', long 76° 5'. We can readily follow Tímúr's march upwards from Bhatnir to Susah, towards Fathábád, Ágrowah, and onwards to Fíróz Sháh's canal works about Sufídún.

COINS BEARING THE CONJOINED NAMES OF FIRUZ
SHAH AND HIS SON FATHI KHAN.

Firuz Sháh, ill-fitted as he was in many respects to fill an Oriental throne, was ever ready to avail himself of the aid of stronger and more determined minds, hence his placid abandonment of all virtual authority to those singularly efficient Hindú administrators, Khán-i-Jahán, father and son, of that designation, who for 37 years guided the destinies of the narrowed dominions of the sovereignty of Delhi, while the Sultán employed himself in the exercise of his taste for building, the laying out of gardens, and improving his private estate.¹ Some such feeling of the need of political support

¹ I have previously adverted to the minute resources of India. The following incident is highly illustrative, as showing the accumulations it was possible to get together during the lifetime of a single prosperous *slave* — "The great wealth of 'Imád-ul-dín has already been spoken of, it amounted to *hírs*. The author was told that on one occasion bags were required for containing the coin, and 2,500 *tonkahs* were expended in the purchase of the material, the cost of each bag being four *pitals*. When the accounts were brought before 'Imád-ul-Mulk, he objected to this extravagant outlay for bags, and directed that pits should be dug in the ground and the money placed therein. There were many rich *khanas* and *maliks* in the time of Firuz Sháh, but no five of them possessed the wealth of this one noble. It is said that he amassed thirteen *hírs* (of *tonkahs*) [130,000,000 = £13,000,000], but was avaricious in the acquisition of more. He held the fleet of Ráprí, and looked very vigilantly after it. The clerks of the Exchequer (*díwán-i-wazárat*) were afraid of him, and they refused from calling him to account, so that in the course of years a large balance was due by him. This fact became known to the Sultán. . . . When 'Imád-ul-Mulk heard about the inquiry, he drew up a statement of his wealth, which he himself presented to the Sultán, who read it without making any observation, and returned it. . . . One day 'Imád-ul-Mulk brought a *krór* (of *tonkahs*) [10,000,000 = £1,000,000] to Court, and when the Sultán cried out,

may have led him to invest his son, Fath Khán, with the insignia of royalty so early as A.H. 760,¹ and to adopt the unusual expedient of placing his name, in conjunction with his own, on the public currency. Extant money also seems to show that a parallel issue of a binominal coinage took place after Fath Khán's death, in favour of another son, Zafar, whose own son, Abúbakr, eventually succeeded to the *masnad* on the death of Ghíás-ud-dín Tughlak, the son of Fath Khán, in A.H. 791. Later in his reign, when Muhammad bin Fírúz was formally associated in the government, a similar numismatic manifestation of Vice-regency was made.

Fath Khán was so effectively recognized as the heir-apparent, that we find the Egyptian Khalif *Abu'l Fath* Al M'utazad billah² forwarding him a special robe of honour on the occasion of Fírúz Sháh's investiture;³ and the coins themselves, though undated, bear record of this Pontiff's name and that of his successor, Abú Abdallah.⁴

'Bashá, what is this?' he replied that it was a small contribution (*sházi 'alífah*) for the use of the servants of the Court"—Elliot's *Historians*, vol. iii. p. 372

¹ Briggs's *Fushtah*, i. 451.

² The sixth of his line. Date of inauguration, A.H. 753. See p. 258 *ante*.

³ The third chapter of the fourth book of *Shams-i-Siráj 'Afif's* *Tárikh-i-Fírúz Sháhi* contains a detailed account of the arrival at Delhi of the emissaries of the Khalif, *أبو الفتح أبي بكر بن أبي الربع سليمان*, who were the bearers of a *Khiṭ'at* for Fírúz Sháh. The narrative enters into the ceremony of the reception of this robe of honour, and enlarges upon the high compliment paid to the reigning Sultán in the voluntary act of the Khalif, as contrasted with the solicitation which had secured a similar concession for Muhammad bin Tughlak. The title bestowed upon the Sultán on this occasion, and which he himself repeats with pride in his own autobiography, was *مسيّد السلاطين*. Fírúz does not use this title on his coins, but, as has been seen, adopts the more imposing warrior title of the early days of Mahmúd of Ghazni *سيف أمير المؤمنين* "Sword of the Commander of the Faithful." The Sháhzádah Fath Khán and the *vazir* Khán Jahán were invested with *Khiṭ'ats* at the same time.

⁴ No. 7. Accession, A.H. 763.

Fath Khán died in 776 A.H., and was buried in state by his father, who, with pious care, erected near his tomb, known as the *Kadám Sharíf*, a dependent Mosque and a *Madrasah*; and likewise excavated a reservoir, which exists to this day.¹

Coins of *Firúz Sháh* and Fath Khán.

No. 210. Gold. Weight, 168 grs. Unique.

في زمن الامام	شاه
امير المؤمنين	فتحخان فيروز
ابو الفتح المعتضد بالله	حل الله ظلاله
خلدت خلافته	وجلاله

The letters of the legends of these coins are very imperfectly formed, and the words are arranged with but scant regard to legible sequence, while the Arabic invocation is altogether wild in its tenor

No. 241 Silver and Copper. Weight, 136 grs.

Obverse—فتحخان فيروز شاه جل الله ظلاله و جلاله

Reverse—في زمن الامام امير المؤمنين ابو الفتح المعتضد بالله
خلدت خلافته

No. 242. Silver and Copper. Weight, 138 grs. Rare.

Obverse as in No. 241.

Reverse—في زمن الامام امير المؤمنين ابو عبد الله خلدت خلافته

No. 243. Silver and Copper. Weight, 52 grs.

Smaller coins of similar types.

¹ Syud Ahmad, p. 37, Jour. Asiatique, 1860, p. 411

No. 244. Silver and Copper. Weight, 139 grs. Variety of No. 241.

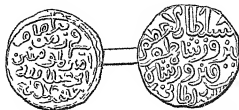
Obverse—فتحان فیروز شاه - حل ظلال جلال ضربت هذه السکه

Reverse as No. 242.

COINS BEARING THE JOINT NAMES OF FÍRÚZ AND HIS SON ZAFAR.

The special coins of Fírúz Sháh, incorporating the name of his second son Zafar, require but brief notice after the combinations already brought under review in the parallel instance of the binominal coins of Fath Khán. It will be seen that they constitute a very complete series in the various metals, and, though usually undated, they may be taken, in their material form, to represent a fairly sustained and continuous issue. Unlike the pieces of the elder brother, which, in their crude legends, show signs of provincial treatment, the coins of Zafar coincide closely in their general aspect with the ordinary money of the reigning monarch, and in so far fully bear out the declaration on their surfaces of a Dehli mintage. There is one point in regard to the specimens quoted below which seems to call for explanation, which is the appearance of the date of 791 A.H. on No. 247, a period when Zafar must obviously have been in his grave; but we have already had experience of the unreserve with which the Dehli mint-masters latterly put forth posthumous coins, under the possibly double aim of utilizing the already executed dies of the obverse, supplemented by a confessedly responsible date of issue on the newly-sunk die of the reverse, as well as in the not unreasonable desire to perpetuate a specific coinage that had already achieved good credit with the public at large.

No 215. Gold. Weight, 168 4 grs. Unique. Col. Guthrie.



السلطان الاعظم	فی زمن الامام
فیروز شاه ظفر	امیر المومنین
بن فیروز شاه	ابو عبد الله
السلطانی	خلدت خلافته

No 216. Silver (?) Weight, 140 grs. New variety
Mr. E. C. Bayley.

Obverse—فیروز شاه ظفر السلطانی ۴ ۵ دهلی

Reverse—الخليفة امیر المومنین خادمت خلافته

No 247 (pl iv fig 116) Silver and Copper. Weight, 136 grs.
A H 791.

Obverse—فیروز شاه ظفر سلطانی ضربت بحضرت دهلی

Reverse—الخليفة ابو عبد الله خلدت خلافته ۷۹۱

No 248 (pl iv fig 124). Silver and Copper. Weight, 78 grs

فیروز شاه	ابو عبد الله
ظفر ابن	خلدت خلافته
فیروز شاه	

No. 249 Copper Weight, 78 grs. New variety.

الحلفه	فبروز
ابوعبد الله	شاه ظفر
خلد خلافته	السلطان

TWENTY-FIRST KING (A.H. 790-791; A.D. 1388-1388).

Ghíás-ud-dín Tughlak Sháh II., the son of Fath Khán, was formally appointed successor to the throne, and invested with the direct administration of the State, on the defeat of Násir-ud-dín Muhammad bin Fírúz, in A.H. 789. Immediately on Fírúz's death, on the 18th Ramazán, 790 A.H., he assumed the full insignia of royalty. His earliest efforts were directed towards the capture of the late associate king, the *Shúhzádah* Muhammad, but his generals were unsuccessful in their pursuit, and after some manœuvring in the hills of Surmúr, the Prince made good his retreat to the strong Fort of Nagarkót, where he was permitted to remain undisturbed.

In the mean time Tughlak Sháh had been surrendering himself to unbridled dissipation in his capital, leaving the management of the kingdom to the chance offices of the ministers by whom he was surrounded. Eventually a party, headed by the Náib Vazír, *Rukn Chand*, put forward Abú-bakr Sháh, the son of Zafar Khán, as a claimant for the throne, and Tughlak Sháh, in attempting to escape from his palace towards the Jumna, was overtaken and killed on the 21st of Safar, A.H. 791.

No. 250 (pl. iv. fig. 126). Silver and Copper. Weight, 136 grs.

A.H. 790.

الخلیفۃ ابو	سعلی شاد
عبد اللہ خلدت	سلطانی ضربت
۷۹۰ خلافتہ	بحضرت دہلی

No. 251 Silver and Copper (the silver predominates).

Weight, 164 grs. New variety. A.H. 790.

نائب	سلطانی
امیر المومنین	تغلق شاد
۷۹۰	

No. 252 Silver and Copper. Weight, 80 grs.

Obverse—سعلی شاد سلطانی خلد ملکہ—

Reverse—ابو عبد اللہ خلدت خلافتہ—

No. 253 Silver and Copper (excess of copper). Weight, 50 grs

New variety. A.H. 790

ابو عبد اللہ	سعلی شاد
۷۹۰	سلطانی

No. 254. Copper Weight, 68 grains.

Obverse—تغلق شاد سلطانی—

Reverse—دار الملک دہلی—

TWENTY-SECOND KING (A.H. 791-792; A.D. 1388-1389).

Rukn Chand having raised Abúbakr bin Zafar Khán to the throne, naturally constituted himself prime minister, but this dignity scarcely satisfied his ambition, and he shortly proceeded to intrigue, with a view to supplant his own nominee; but the nobles, who were staunch to Abúbakr, getting information of his designs, took the initiative, and put him to death, with many of those upon whose support he had relied. The new king's power now became consolidated in the capital; but the murder of Sultán Sháh, the governor of Samána, encouraged Muhammad Sháh to issue from his stronghold of Nagarkót, and eventually to advance in force upon Dehli. In the irregular engagements which took place at Fírúzábád, Muhammad Sháh was unsuccessful, and retired into the Doáb; but being reinforced, he again encountered Abúbakr at Kandali, with a similar result; a third time he tried his fortune, at Paniput (his troops being commanded by his son), with an equal want of success. The Sultán, however, was unable to follow up his victories in an effectual manner, as it was unsafe to quit the capital which contained so many doubtful adherents; indeed, on the occasion of his absence in Jumáda'l awwal, 792 A.H., Muhammad absolutely made his way into the city, from which, however, he was speedily ejected. Shortly after this, Islám Khán, one of the most prominent of the old Fírúz Sháhi adherents, quarrelled with Abúbakr, and invited Muhammad to join him at Dohli. The Sultán's case now became hopeless, and on the 19th Ramazán, 792 A.H., Muhammad was formally installed as supreme monarch at Fírúzábád, and Abúbakr, after some

<p>نایب امیر المؤمنین خلدت خلافتہ ۷۹۲</p>	<p>ابوبکر ساد ظفر بن فروز شاد سلطانی</p>
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No. 260. Copper. Weight, 58 grs

Obverse— ابو بكر شاه طغرسلطانی

Reverse— الخليفة ابو عبد الله خلعت خلفه

POSTHUMOUS COIN OF ABUBAKR.

One specimen of the coins of the identical type No 260 is dated in clearly formed figures ٨١٣ 813 A.H. (My cabinet)

TWENTY-THIRD KING (A.H. 792; A.D. 1389)

The Sháhzádah Muhammad Khán, son of Fírúz, defeated the arrogant *Vazir* Khán-i-Jahán, in Rajab, A.H. 789, and in the month of Shabán he was associated with his father in the government of the kingdom, which the failing strength of the Sultán did not permit him efficiently to control.¹ The

¹ This appointment was attended with many of the forms and ceremonies of regal inauguration. The *khutbah* was read in the names of the two kings (در مساجد جمعه بمقام بلاد مملکت خطبه بنام هر دو بادشاه می خواندند در ماه شعبان سه المذکور ساهزاده محمد خان در قصر

Tárikh-i Mubárak Sháhi MS جهان نما جلوس فرمود)

Shams-i-Siráj 'Alf makes also an incidental reference to this contemporary nomination Book i cap 18 "On the names used in the *khutbah*. It had been a rule among the Sultáns of Dehli that the name of the reigning monarch only was mentioned in the prayers of Sabbaths and festivals, and no reference was made to former Sultáns. When Sultán Firúz came to the throne, they were about to follow the same rule, and to mention his name only in the *khutbah*, but he disapproved of the omission of former kings, and ordered that a *khutbah* should be said first in the names of those kings, and then one in which his own name should be mentioned. In accordance with this decree, the Sultáns in the

Prince was, however, unable to maintain his position in the capital, and had to retire to the hills of Sirmúr, where he was able to hold his own against the armies of his regnant nephew, Tughlak Sháh II. After the accession of Abúbakr, he obtained possession of Samána, and being reinforced from other quarters, he considered himself sufficiently strong to assume anew the ensigns of royalty (6th Rabí'ul ákhir, 791 A.H.), and further to attack Abúbakr at Fírúzábád in Jumáda'l áwwal, 791 A.H. In this attempt he failed; but, undeterred, he recruited his forces, and again encountered Abúbakr at Kandah, in Shabán of the same year, with a similar want of success. A third time, with a like result, the troops of Muhammad, under his son Humáyún, met the Sultán's army near Panput (in Muharram, 792 A.H.). Still trusting to the turns of fortune, Muhammad absolutely entered the metropolis during the momentary absence of Abúbakr, but was not in sufficient force to profit by his advantage. His eventual elevation to the throne was due to the defection of Islám Khán, one of the influential leaders of the anomalous institution of the "Slaves of Fírúz Sháh," who quarrelled with Abúbakr, and invited Muhammad to join him, and on the 19th Ramazán, 792 A.H., the son of Fírúz once again entered Dehli as its Sultán.

following list were specially selected to be named in the *Khutbah* — 1 Sultán Shaháb-ud-dín Muhammad bin Sámi, 2. Shams-ud-dín Altamsh, 3 Násr-ud-dín Mahmúd, 4 Ghíás-ud-dín Balban, 5. Jalál-ud-dín Fírúz, 6 'Alá-ud-dín Muhammad *Khalji*, 7 Kutb-ud-dín Mubáarak, 8. Ghíás-ud-dín Tughlak Sháh, 9 Sultán Muhammad *Adil*, 10 Fírúz Sháh. Two names were selected to be mentioned after that of Sultán Fírúz Sháh, viz, Muhammad bin Fírúz Sháh and his son 'Alá-ud-dín Sikandar Sháh, and till the end of the reign these names were mentioned in the prayers . . . "—Elliot's *Historians*, in 292, and MSS. This last name is clearly an interpolation of the author's as his work progressed under succeeding kings. He speaks, in a subsequent passage, of Tímúr's admiring the monuments of Dehli in 801 A.H. (p. 353).

In 794 A.H., Harsing, the Rája of Etáwah, and other Hindú Zamindars, revolted, but were defeated by the army of Islám Khán, and the Sultán himself proceeded to Etáwah and demolished the Fort; from thence he went on to Kanauj and Dalaman, and commenced the foundations of a new city at Jalésur,¹ to which he gave the designation of Muhammadábád. Suspensions having been fomented as to the fidelity of Islám Khán, he was finally condemned to death, on the false testimony of his own nephew, *Jáun*, an unconverted Hindú, and Khwájah Jahán was appointed Vazír in his stead.

In 795 A.H., the Sultán defeated Bahádur Náhir, who had been bold enough to ravage the country up to the gates of Dehli, but on his return to his new capital, he died of a fever in Rabí'ul akhír, A.H. 798.

COINS OF MUHAMMAD BIN FÍRÚZ AS JOINT KING.

No. 261 (pl. iv. fig. 135). Impure Silver Weight, 167 grs
A. H. 790.

Obverse—محمد شاه فیروز شاه سلطانى

Reverse { Centre, انو عبد الله
Margin, خلعت خلافته ضربت بحضرت دهلي ۷۹۰

No. 262. Copper. Weight, 67 grs. Unique. My cabinet.

Obverse—فیروز شاه سلطانى

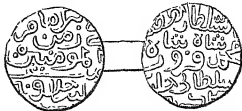
Reverse—محمد شاه سلطانى

The specimen of No. 265, dated 790 A. H., must also be accepted as having formed an example of the Regency currency.

¹ Nizám-ud-din Ahmad has جاليسر and Ferishtah has جاليسر, but the Tārīkh-i Mubínak Sháhí has جيت.

MUHAMMAD BIN FĪRŪZ'S OWN COINS.

No. 263. Gold. Weight, 170 grs. Very rare. Col. Guthrie.



في زمن الامام	السلطان الاعظم
امير المومنين	محمد شاه فيروز شاه
خلدت خلفه	سلطاني خلدت
	مملكته

No. 264 (pl. iv. fig. 134) Silver Weight, 173 grs.

(Marsden, Nos dccxix., dccxxii., B M.)

A second Weight, 171 5 grs Mr E C Bayley A H 793

Obverse—السلطان الاعظم ابوالمحامد محمد شاه فيروز شاه سلطاني

Reverse—في زمن الامام امير المومنين خلدت خلفه ٧٩٣

No 265 Silver and Copper Weight, 140 grs

A H. 790, 793, 794.

الملكه ابو	سلطاني
عبد الله خلدت	فيروز شاه
خلفه ٧٩٣	محمد شاه

No 266 Copper. Weight, 140 grs. A H 793, 794

Obverse { Centro, محمد شاه
Margin, حضرت بخت نصرت دهلي

Reverse—٧٩٣ نايب امير المومنين

No. 267. Copper. Weight, 68·6 grains. Small coins.

A.H. 793, 794, 795.

دار الملك	محمد شاه
دهلي	سلطاني
۷۹۳	

No. 268 Copper. Weight, 30 grs exact weight.

حضرت	محمد
دهلي	شاه

No. 269. Copper. Weight, 52 grs.

Obverse—محمد شاه فرور شاه سلطان

Reverse—الخليفة ابو عبد الله

POSTHUMOUS COINS OF MUHAMMAD BIN FIRUZ.

No 270. Silver. Weight, 174 grs A.H. 817, 818.¹

(B.M. and my cabinet)

في زمن	السلطان الاعظم
امير المومنين	ابو المجاهد محمد شاه
خلدت خلافته	فرور شاه
۸۱۸	سلطاني

¹ Maunsden detected these exceptional dates on his own coins. He says, "Yet a difficulty, that I am quite unable to explain, presents itself on some of these specimens, where we perceive, in characters rude indeed, but sufficiently distinct the numeral figures ۸۱۷ 817 on one, and ۱۸ (8)18 on a second" (p 542).

No. 271. Copper Similar to No. 267. A.H. 801, 804.

These later specimens vary in the substitution of سلطان in the place of سلطان.

There are no extant inscriptions bearing the name of Muhanamad bin Fīrūz; but the erection of his father's tomb on the margin of the Hauz-i Khās, which is ordinarily attributed to his filial devotion, is associated with a record of the father's name, on the inner semicircle of the archway, while the outer band or superimposed arch displays the titles and designation of Sikandar bin Buhlāl Lōdī, who seems, in the spirit of Fīrūz himself, to have repaired the original edifice, with many other monuments of Delhi, in 913 A.H. Both these inscriptions are stuccoed in Indian *Chunam*, or fine lime plaster, in alto-relievo, and, as might have been expected, have suffered considerably from the combined effects of time and climate. The following words may, however, still be traced in the primary legend:—

* سلطان السلاطين فیروز شاه طاب تراد و جعل الجننه سنواد *

In immediate proximity to this tomb are Muhammad Shāh's own grave and that of his son Sikandar Shāh.

¹ Syud Ahmad, facsimile, No. 23, pp. 32, 41, 61, Journal Asiatique (1860), p. 415. Timūr mentions this tomb in his memoirs, and expresses his admiration of the reservoir, which he describes as a bow-shot square.—Petis de la Croix, cap. xix. Elliot's *Historians*, iii. pp. 411, 501. The site of this tank is not marked on the accompanying plan, it may possibly have reverted to a similar state of disrepair to that which Fīrūz speaks of (p. 290) when the first English survey was made. The adjoining village still goes by the name of Hauz-i Khās.—*Jour. As. Soc. Bengal*, 1870, p. 81.

TWENTY-FOURTH KING (A.H. 795 ; A.D. 1392).

Humáyún, the son of Násir-ud-dín Muhamínad, assumed, on his accession, the designation of Sikandar Sháh. The historical record of the rule of this Sovereign is confined to the announcement, that he attained regal honours, and enjoyed them for the brief space of forty-five days.¹

No. 272. Silver and Copper mixed Weight, 142 grs. A.H. 795.

Obverse—سكندر شاه محمد شاه سلطانى

Reverse—الخليفة ابو عبد الله خلدت خلافة

No. 273. Copper Weight, 134 grs. A.H. 795.

Obverse { *Centre*, سكندر شاه
Margin, صرفت بحضرت دهلي

Reverse—نائب امير المؤمنين ۷۹۵

No. 274 (pl. iv fig. 142). Copper Weight, 67 grs. A.H. 795.

Obverse—سكندر شاه سلطانى

Reverse—دار الملك دهلي ۷۹۵

No. 275. Copper. Weight, 30 grs. (exact weight).

بحضرت	|	شاه
دهلي	|	سكندر

¹ From the 17th of Rabí'ul awwal, when his father died, or, more exactly, from the 19th, when he ascended the throne, to the 5th of Jumáda'l awwal, 795 A.H.—Tabakát-i-Akbari MS

TWENTY-FIFTH KING (A.H. 795-815; A.D. 1392-1412).

Of all the feeble inheritors of Fīrūz Shāh's family honours, Mahmūd bin Muhammad was perhaps the most insignificant—a very shadow of a king. The earliest recognition of his nominal supremacy was associated with evil omens; and the normal weakness of the central government of the empire was further augmented by insurrections, which sprang up on all sides. Prominent among the rest, was the important defection of the *vazīr*, Khwājah Jahān, who, in this act, laid the foundations of the temporarily powerful kingdom of Jaunpūr. In 797 A.H., a new claimant to the throne was advanced by S'aádat Khān,¹ in the person of Nuṣrat

¹ S'aádat Khān, one of the leading nobles of Mahmūd Shāh's newly improvised Court, accompanied the Sultān in his expedition to Gwalior, in 796 A.H., and discovering a plot against his own life, quickly disposed of the leading conspirators, with the exception of Mullá Ikbál Khān, who was destined to play so prominent a part in the events of the period, and who succeeded in escaping to Dehli, where he joined Mukarrab Khān, who had been left in charge of the metropolis. In the strange turns of Indian politics, S'aádat Khān, carrying the Sultān with him, proceeded to besiege Dehli, but some delay occurring in its capture, the Sultān was induced to take refuge within the walls. This encouraged the besieged to risk a battle, in which they were signally defeated, but S'aádat Khān was not sufficiently strong to capture the place, so he hit upon the novel expedient of setting up a king of his own, and selected Nuṣrat Khān, who stood in the same family relationship to Fīrūz as Mahmūd himself, and duly installed him as king in the city of Firdābād. Some of the old slaves of Fīrūz Shāh and other influential parties in that town having made overtures to Mahmūd, S'aádat Khān found his position untenable, and retired with a scanty following within the walls of Dehli. Mukarrab Khān pretended to receive him with amity and overt attention, but took an early opportunity of putting him to death.

Khán, a son of Fath Khán, and grandson of Fírúz. His supporters actually took and retained possession of the new capital of Fírúzábád, while Mahmúd and his followers were confined to the triple town of Dehli.¹ In this anomalous condition matters continued for the space of three entire years, each being in a measure king, and each holding his own dependent provinces of the empire.² Meanwhile, constant and sanguinary encounters occurred between the troops of the rival factions. At length, Mullú Ikbál Khán, who, in fit keeping with the whole of this strange state of political existence, had remained an observant and neutral spectator, first deceived, and, for the time, ruined Nuṣrat Sháh, and then succeeded in getting possession of the person of Mahmúd, in whose name he thenceforth pretended to rule. This irregular administration was, however, put an end to by the advance of the celebrated Tímúr.³ The defeat of the Indian

¹ Under Mukarrab Khán, Bahádui Náhn had charge of *Old Dehli* (دهلی کهنه), and Mullú Ikbál Khán commanded the Fort of Sírí, the intermediate Jahán-panáh constituted the more open royal head-quarters — *Táíikh-i Mubárak Sháh*.

² Mahmúd's districts at this period are specified as—1. The Doáb (or portions of it S E of Dehli), 2. Sambal, 3. Pámpūt, 4. Jhujhur, and 5. Rohtak — *Táíikh-i Mubárak Sháh* MS.

³ Tímúr, in his autobiography entitled "*Malfúzat-i-Tímúri*," contributes much curious information as to the state of India at the period of his invasion. Many of the details regarding the routes and the distribution of the strong places are of considerable interest, but his account of the capture of Dehli claims distinct notice. He tells us that in the engagement with the forces of Mahmúd and Mullú Ikbál Khán, the Indian troops bore themselves bravely, and showed no want of courage. He goes on to describe his entry into the capital and his special directions that the *khutbah* should be repeated in his name "in the pulpits and mosques of the city of Dehli," and he relates, with an evident feeling of the need of justification, the sack and utter ruin of the three towns, and the ruthless extermination of their inhabitants, for which he condescends to give no less than five very insufficient reasons. His narrative proceeds—"By the will of God, and by no wish or direction of mine, all the three cities of Dehli, by name Sírí, Jahán-panáh, and Old Dehli, had been plundered. The *khutbah* of my sove-

army, the surrender and subsequent merciless sack of Dehli followed; and, for five days, the Mughal conqueror continued feasting while his troops plundered and destroyed the hapless citizens of the ill-fated city; and, to finish the inconsistency, innate in the barbarian mind, "on the day of his departure he offered up to the Divine Majesty his sincere and humble tribute of grateful praise."¹

The capital of Hindústán remained in a state of complete anarchy, to which were superadded the horrors of famine and pestilence, for the space of two months after the departure of Tímúr. At the end of this period it was taken possession of by Nuṣrat Sháh, and shortly afterwards

roignty, which is an assurance of safety and protection, had been read in the city. It was therefore my earnest wish that no evil might happen to the people of the place. But it was ordained by God that the city should be ruined. He therefore inspired the infidel inhabitants with a spirit of resistance, so that they brought on themselves that fate which was inevitable. When my mind was no longer occupied with the destruction of the people of Dehli, I took a ride round the cities. Sín is a round city (*shah*). Its buildings are lofty. They are surrounded by fortifications (*kal'ah*), built of stone and brick, and they are very strong. Old Dehli also has a similar strong fort, but it is larger than that of Sín. From the fort of Sín to that of Old Dehli, which is a considerable distance, there runs a strong wall, built of stone and cement. The part called Jahán-panáh is situated in the midst of the inhabited city (*shahr-i-abadan*). The fortifications of the three cities have thirty gates. Jahán-panáh has thirteen gates, seven on the south side bearing towards the east, and six on the north side bearing towards the west. Sín has seven gates, four towards the outside and three on the inside towards Jahán-panáh. The fortifications of Old Dehli have ten gates, some opening to the exterior and some towards the interior of the city. When I was tired of examining the city, I went into the *Mayid-i-jáms*, where a congregation was assembled of *sayyids*, lawyers, *shahhs*, and other of the principal Musulmán, with the inhabitants of their parts of the city, to whom they had been a protection and defence. I appointed an officer to protect their quarter of the city, and guard them against annoyance"—Elliot's *Historians*, iii p. 447. See also Zafar Námah, p. 502, *ibid.*, and Petis de la Croix's translation, book iv cap. xx.

¹ Price's *Muhammadian History*, iii. p. 267. This futile ceremony took place in Firáz Sháh's Mosque in Firázábád.

it again passed into the hands of Mullú Ikbál Khán, whose sway at this time extended but little beyond its walls; the provinces being, in effect, independent under their several governors, who, one and all, held themselves as kings.¹ Ikbál Khán, nevertheless, succeeded in gradually enlarging his boundaries; and in 804 A.H. was joined by Mahmúd (who had fled at the sack of Delhi to Gujarat), on whom he amiably bestowed his countenance and protection. Ikbál Khán now undertook an expedition against Ibráhím Sháh Sharḡi, the Sultán of Jaunpúr, who had lately succeeded his brother Mubárák; and Mahmúd, thinking to improve his position, deserted his guardian, and went over to Ibráhím. He was, however, received with but small encouragement, and, finally, was allowed by both parties to establish himself as a sort of local king of Kanauj. On the death of Ikbál Khán, which took place in an action with Khizr Khán, the governor of Multán, in Jumáda'l awwal, 808 A.H., Mahmúd was again invited to Delhi by Daulat Khán *Lóthi* and other men of influence; but "deficient both in sense and courage," he made but little profit of his restored rights; and, surrendering himself to dissipation, he unconcernedly allowed the various local governors to fight their own battles for the few districts

¹ DISTRIBUTION OF THE PATHÁN EMPIRE AFTER THE INVASION OF TIMÚR IN A.H. 801, A.D. 1398.

Mullú Ikbál Khán..	.. . .	Delhi and the Doáb.
Zafar Khán ....	.....	Gujarat.
Khizr Khán . . . . .	.....	Multán, Dairatpúr, Sind (ساحریت سند).
Mahmúd Khán . . . . .	.....	Mahóbah, Kálpí.
Khawájah-i Jahán .....	.....	Kanauj, Oude, Karrah, Dálamau, Sundalah, Bahraich, Bahár, Jaunpúr
Diláwan Khán ....	.....	Dhár.
Gháláb Khán . . . . .	.....	Samánah.
Shams Khán ....	.....	.. Bítána.

which still confessed a nominal allegiance to the throne of Dehli. Mahmūd died in Rajab, 815 A.H.

No 276 (pl iv. fig. 143). Weight, 174 grs

في زمن الامام امر المومنين خلدت خلافته	السلطان الاعظم ابو حامد محمود شاه محمد شاه فيروز شاه سلطاني
--	--

No 277 (pl. iv. fig 144). Silver (impure). Weight, 141 grs
 A.H. 795, 796

Obverse—محمود شاه سلطاني

Reverse—الخليفه ابو عبد الله خلدت خلافته ٧٩٦

No. 278. Copper. Weight, 140 grs A.H. 798, 800, 804, 812, 815

Obverse { *Centre*, محمود شاه
Margin, سلطان صرنت بحضرت دهلي

Reverse—باب امر المومنين ٨١٣

No. 279. Copper. Weight, 56 grs

Obverse—Legend as in No. 277.

Reverse—الخليفه امير المومنين خلدت خلافته

No. 280 (pl. iv. fig. 147). Copper. Weight, 68 grs. A. H. 795, 797, 798, 800, 801, 802, 815 (816,¹ Posthumous coin; several examples of this date are known).

Obverse—محمود شاه سلطاني

Reverse—دار الملك دهلي ۷۹۵

No. 281. Copper. Weight, 32 grs.

حضرت		شاه
دهلي		محمود

¹ The date of the death of Mahmúd is fixed by Fairsatáh in Zi'l k'adah, 814 A.H., and the assumption of power by Daulat Khán Lódi is affirmed, by the same author, to have taken place on the 1st of Muharrun, 816 A.H. A difficulty is suggested in the very fact of the capital, and the country dependent upon it, having, as thus stated, remained for nearly fourteen months without even a nominal ruler. This anomaly is not attempted to be met by the compiler in question, nor is even its existence noticed by subsequent commentators (See Bombay text, i p. 292, Briggs, vol i p 504, Elphinstone, vol ii, p 80.)

The point at issue seems to be authoritatively set at rest by the author of the Táríkh-i Mubárák Sháhí, who is very full and elaborate in his dates bearing upon the conflicting events of this troubled period, when a king's life was otherwise a matter of almost secondary importance. His text is most clear as to the month of Rajab, A. H. 815, and he adds emphatically—

مدّة ملك او باين همه نزلزل و انقلاب بيست سال و دو ماه بود

TWENTY-SIXTH KING (A.H. 797; A.D. 1395).

The history of the partial sovereignty of Nušrat Sháh, dating from Rabí'ul awwal, A.H. 797, including both his three years' possession of Fírúzábád and his momentary occupation of the metropolis after the departure of Tímúr, has been sufficiently adverted to in the notice of the reign of Mahmúd.

From 802 A H Nušrat Sháh appears to have been lost sight of by Indian historians.

No. 282 Copper. Weight, 143 grs

Obverse—نصرت شاه سلطانى

Reverse—بايب امير المومنين

No. 283. Copper. Weight, 57 grs.

Obverse—نصرت شاه سلطانى

Reverse—دار الملك دهلى

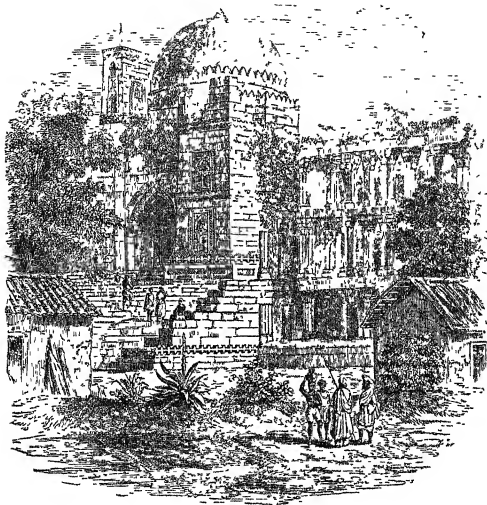
No. 284 (pl iv. fig. 150). Copper. Weight, 67 grs.
A H 797, 798.

Obverse as above

Reverse—۷۹۷ دار الملك دهلى

No. 285 (pl v. fig 151). Copper Weight, 67 grs. A.H. 807.
Similar to No. 284.

This coin, though it can scarcely be pronounced to be posthumous, in our present ignorance of the eventual fate of Nusrat Sháh, seems to have been an adaptation of an old obverse to a new reverse, which latter correctly declares the date of issue—a matter held to be of some importance, it will be seen, in estimating the good faith and responsibility of the party immediately in charge of the mint.



JAM'I MOSQUE AT JAUNPŪR.

From Fergusson's Handbook of Architecture, vol. ii. p. 661.

LOCAL COINS OF JAUNPŪR.

In the introductory divisions of this work I have had occasion to trace the absorption of native states and the coincident adaptation of their currencies to the new phase of the political supremacy of the Dehli Patháns. The period

has now been reached in the history of that dynasty when the reverse process of disintegration had already made considerable progress, and the coins of local governors, or their successors, who had achieved independence, began to obtrude themselves in the general circulation. I do not propose to follow out the minor gradations of these local mintage, but where opportunities offer, I may, perhaps, advantageously notice representative numismatic illustrations of the advance of the more important kingdoms thus emancipated from central control.

The earliest contemporaneous issue, and that which is most closely connected with the decadence of Dehli, is the money of the Sultáns of Jaunpúr, whose reigning representative, Ibráhím, has been already noticed in connexion with the affairs of Mahmúd and Mullú Iqbal Khán.

The following is a list of the dynasty of the independent Kings of Jaunpúr, with their dates of accession.—

THE KINGS OF JAUNPÚR

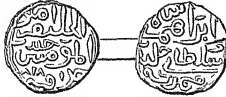
A. H.	A. D.	
796	1393	Khwájah i-Jahán, vazír of Muhammad bin Fírúz
802	1399	Mubárik Sháh, his adopted son (ملك مبارک وریغل).
801	1401	Ibráhím Sháh <i>Shahí</i>
844	1440	Mahmúd Sháh bin Ibráhím Sháh
862	1457	Muhammad Sháh (Bhikun Khán) bin Mahmúd
862	1457	Husain Sháh (defeated by Buhlól Lóh in 879 A. H. ¹)
879	1474	Barbak bin Buhlól Lóh placed in charge of Jaunpúr.

On Buhlól Lóh's death Barbak opposes Sikandar bin Buhlól, but is defeated in A. H. 881, when Jaunpúr again becomes subject to Dehl.

¹ Husain is permitted to retain some outlying districts, and finally seeks refuge with 'Ala-ud-dín of Bengal.

SPECIMEN COIN OF THE JAUNPÚR MINT.

No. 286. Silver and Copper. Weight, 140 grs. A.H. 818.

*Obverse*—ابراهيم شاه سلطانے خلدت مملكتہ*Reverse*—الخليفة امير المؤمنين خلدت خلافتہ ۸۱۸

Marsden has engraved and described a very full list of Jaunpúr coins, comprising the subjoined series (1-6), which I improve from Col Guthrie's rich collection; the latter specimens are discriminated by *italic* letters (*a-h*):—

1 Gold Weight, 148 5 grs. B M.

Obverse—السلطان الاعظم شمس الدنيا والدين ابوالمظفر ابراهيم شاد—
سلطانے خلد مملكتہ

Reverse { Area, في زمن الامام امر المؤمنين ابوالفتح خلد خلافتہ
Margin, صرب هذا الدينار . . . في سنة أحد . . .

a Gold. Weight, 177 3 grs. A H 840. Col. Guthrie

The chief peculiarity of this gold coinage is the elongation of the down strokes of the leading letters on the obverse, so that the upper surface presents a similarity to a modern Organ front, with its array of parallel pipes, the characters of the legends are also exceptional, and are fashioned in straggling and imperfect outlines, in a manner altogether unworthy of a civilized mint

2. Silver and Copper Weight, 36 grs Pl xxxvii, fig DCCH.

A H 822, irregular dates up to 821, 836, and 844.

Obverse—ابراهيم شاه سلطے*Reverse*—خليفة ابوالفتح ۸۳۶

3 Silver and Copper. Weight, 154 grs Pl xxxvii fig. OCOLL. A H 813, 826.

Specimen similar to that above engraved under No. 286 of the present series.

b. MAHMÚD. Gold. Weight, 175.2 grs A H, 856. Type as in No. 1.

1. Silver and Copper PI $\lambda\lambda\lambda\lambda\lambda$ fig. DOCLIII. A.H. 845, 846, 849, 856

Obverse—محمود شاه ابن ابراهيم شاه سلطان خلدت مملكتہ

Reverse—الخليفة امير المومنين خلدت خلافتہ ۸۴۵

c. Copper Weight, 144 grs. A.H. 844, etc.

Obverse { Circular area, محمود شاه
Margin, بن ابراهيم شاه سلطان

Reverse—نائب امير المومنين ۸۴۴

5. Silver and Copper. Varieties. Nos. DOCLIV. and DOCLV. A.H. 846.

d. MUHAMMAD. Silver and Copper. A.H. 861, 862, 863.

Obverse—

محمد شاه بن محمود شاه ابن ابراهيم شاه سلطان خلدت مملكتہ

Reverse—الخليفة امير المومنين خلدت خلافتہ ۸۶۱

e. MUHAMMAD. Copper. A.H. 861.

Obverse { Circular area, محمد شاه
Margin, بن محمود شاه ابن ابراهيم شاه سلطان

Reverse—نائب امير المومنين ۸۶۱

f. HUMAN Gold. Weight, 180 3 grs.

Type as in No. 1, but with the entire omission of the marginal record.

g. Variety. Copper A.H. 865.

Obverse { Circular area, حسين شاه
Margin, بن محمود شاه ابن ابراهيم شاه سلطان

Reverse—نائب امير المومنين ۸۶۵

6. Copper No. DOCLVI A.H. 880, 886, 897, 900.

* حسين شاه بن محمود شاه ابن ابراهيم شاه سلطان خلدت مملكتہ

الحالفه ابو عبد الله امير المومنين خلدت خلافتہ ۸۹۷

h. Coins of Barbak. A.H. 892-894. See under Sikandar bin Buhlâl.

General Cunningham, who, in his earnest pursuit of the varied branches of Indian antiquarian lore, has devoted some attention to the provincial mintage of Jaunpúr, informs me that coins of Mahmúd are extant in continuous suites, dating from A.H. 811 to A.H. 863, and that during the concluding *three* years of his reign, in apparent imitation of Firúz Sháh, he associated his eldest son, Muhammad, in the ostensible government of his kingdom. Thus concurrence of power is so far numismatically demonstrated, as to enable us to quote a record of the name of the son upon pieces purporting to have been issued from the mint of the Eastern Metropolis during the years 861, 862, and 863 A.H.

The subjoined series of assays were likewise conducted under the immediate superintendence of General Cunningham; and although his object, in these analyses, was rather to arrive at a general average of intrinsic contents, than to discover discriminative proportions of silver in the gradational divisions of the ruling *kdnis*, the table itself is of considerable interest, not only as an additional evidence of the existence of the pervading system of mixed metals for the regulation of exchange rates, but as affording a totally independent test of the values of contemporaneous issues, whose bare names have hitherto carried but vague intimations of their effective position in the circulating media of the period. At the same time, I must guard my readers against any supposition that the apparent depreciation of the currency under Husain, as here set forth, is in any way real and positive. As coins were seemingly taken at hazard for these trials, the depreciated result of the silver return in the money of the latter king may merely imply that his *do-kdnis* were more largely current or more readily accessible to the modern collector than the *shash-kdnis* of his predecessors; and such, indeed, is the inference the comparative number of intrinsic grains of silver in the immediate contrast would seem to point to; but this is a branch of the inquiry which is more important in its relative than in its direct bearing upon the leading question of the Delhi mintages, and, as such, may be reserved for comment hereafter in its proper place, in connexion with the issues of Sikandar bin Buhlól and the *black tankahs* of Tihút in Bábar's returns. But the most curious fact contributed by the

extant Jaunpūr coins consists in their testimony to the diverse metric systems obtaining in closely proximate localities at this period. The monetary standard of Imperial Dehli is now pretty well ascertained, and coincidently evidence is afforded of the gradations of current Bázár weights and measures. The local Eastern Mint clearly coined money of a higher average weight both in copper and in gold. In the latter metal we recognize *the* tolah of 180 grains, which our early English officials too readily accepted as the normal weight for all India. Col Guthrie's gold coin No *f* absolutely exceeds this ponderary measure by a small fraction; and the piece itself, though defective as a work of art, is as sharp in its edges as if it had received its stamp but yesterday. The other specimens in gold, Nos. *a*, *b*, equally advance in a marked degree beyond the limited 175 grains of the assumed Dehli standard.

*Assays of Muhammadan Coins.*¹

	No melted.	Mean weight. grs	+ weight. grs	Total. Silver grs	Average. Silver. grs.	
Ibrāhīm.....	10	140 2	145	130	13 0	
Mahmūd.....	9	142 66	—	113	11 3	
Husam (1st).	4	149 0	152	13 5	3 4	} Mean of 110 coins in 3 assays, 3 3 4 grains.
„ (2nd)	96	—	—	299 0	3 125	
„ (3rd).	10	—	—	35 0	3 5	

¹ I preserve the returns of some other assays which General Cunningham has simultaneously favoured me with, though they do not correctly belong to this section of Indian currencies, but as they form a portion of his table, they range themselves more consistently under the present association than they would amid independent analyses undertaken with a different object in view.

'Alā-ud-dīn Khilji	} Mean weight.	+	Silver.	Silver	
Small name in circle (No. 136 <i>supra</i>) 154 coins					
	52 218	56	398	2 584	grs each
Ditto, silvery looking	} 51 0	—	87	8 70	„
(No. 135 <i>supra</i>) 10 coins					
Sikandar Lōdī	76 coins.				
1st 38	139 58	142	157	} Mean of 2 assays, 4 18 grs. each.	
2nd 38	134 47	144	161		

TWENTY-SEVENTH RULER (A.H. 815-817; A.D. 1412-1414).

On the death of Mahmūd, in Rajab, A.H. 815, the notables of Dehli elected Daulat Khān Lōdī to be their leader, and pledged their instant adhesion accordingly. To judge from the narrative of the best informed and nearly contemporary historian,¹ there was no pretence of assumption of royalty, nor were any of the ceremonies of coronation or less formal investiture gone through upon this occasion. It was necessary to have some acknowledged head of the military oligarchy of the narrowed section of the country which still owned Dehli as its capital; and a recognition of the most powerful among the chiefs,—such as had sufficed for all purposes of government under Mullū Iḡbāl Khān,—to the utter disregard of the fiction of a king, was perhaps, under the peculiar circumstances, the wisest course that could have been pursued.

Daulat Khān's position was further strengthened for the time by the cohesion of Mubārak Khān and Malik Idrīs, who had lately supported Khizr Khān, Tīmūr's governor of Dai-balpūr, etc. However, the utmost the new ruler of Dehli was able to accomplish was a military promenade, in Mubarram, 816 A.H., by the route of Katēhr² and Bisāuli,³ leaving

¹ The author of the *Tārikh-i Mubārak Shāhī*

² The *Tārikh-i Mubārak Shāhī* mentions that "Rāī Narsing and other Rāīs of Katēhr (کتھر i.e. Rohilkund) met Daulat Khān on this occasion, and tendered their submission." Nizām-ud-dīn and Ferishta have "Narsing" (i 595). See also Elliot's Glossary, i. 171, 307, ii 150, and Elliot's Index (1849), i 192.

³ This was the site of Firūz Shāh's *last* Firūzpur, seven *lās* from Badāon, which was quaintly entitled by the people of the land *Alḡhūḡpūr*, "the last city."—Ferishta. Elliot's *Bibliographical Index*, p 330

Ibráhím of Jaunpúr to continue undisturbed the siege of Kálpi, Daulat Khán returned to Dehli, where, after suffering a four months' siege in the fort of Síri, he finally surrendered to Khizr Khán on the 7th of Rabí'ul awwal, A.H. 817.

Daulat Khán *Lódi* having refrained from assuming the honours of royalty, *ipso facto* admitted his disability to coin money in his own name. ♦

The posthumous coins bearing the names of Fírúz Sháh or those of other members of his family, struck under the presidency of Daulat Khán *Lódi*, may be recapitulated as follows :—

1 Positive issues from the Mint of Daulat Khán *Lódi* during his full domination at Dehli.—Nos 238, A.H. 816, and 280, A.H. 816.

2 Possible issues during the initial or concluding years of his power.—Nos 238 and 270. A.H. 817, and 280, A.H. 815.

TWENTY-EIGHTH RULER (A.H. 817-824; A.D. 1414-1421).

Khizr Khán first appears in the political arena of northern Hindústán as governor of Multán under Fírúz Sháh. In the various complications consequent upon that monarch's subdued later life and the discordant heritages he left behind him, we only regain sight of Khizr Khán, in the general history of the day, when Sárang Khán, the brother of the all-powerful Mullá Ikbál Khán, besieges and captures him in his own stronghold of Multán in 798 A.H. Escaping from his imprisonment, Khizr Khán seeks refuge at Bíaná, and in process of time, when Tímúr is on his way to Dehli, he casts his fortune with the alien invader. On the final

departure of these Tátár hordes, who pretended to no interest in the land they had devastated and ruined within the limits of their providentially confined track, this complacent "Syud" was left to resume his former holdings, and eventually, not without effort, he succeeded in installing himself in the capital on the surrender of Daulat Khán Lódi in 817 A. H. His seven years' tenure of power in his new position present but few incidents of mark: there is a seeming Oriental want of energy to sustain an accomplished triumph, an air of ease which so often stole over the senses of a successful owner of a Palace in Dehli; and so his vazír and deputy, *Táj ul Mulh*, went forth to coerce or persuade, as occasion might dictate, the various independent chiefs, whether Muslim or Hindú, whose states now encircled the reduced boundaries of the old Pathán kingdom. There were, of course, the ordinary concessions to expediency, so well understood in the East, submission for the moment in the presence of a superior force, insincere professions of allegiance, temporizing payments of tribute, or desertion of fields and strongholds easily regained; but there was clearly no material advance in public security or in the supremacy of the central government. The inevitable law of nature had, no doubt, been asserting itself anew in the ready recovery of the influence of the free Hindú tribes as against the effete dominancy of the domesticated Muslims; but this process had been in continuous action from the day that the thin wedge of Muhammadanism first thrust itself amid the overwhelming population of India, whose almost Chinese attachment to ancient ideas would have resisted far more persuasive arguments than the sharpest edge of a scimitar, or the most eloquent exhortations of the latest inspired preacher of Islám. Added to this nominally antagonistic element,

there had intervened in higher quarters an amalgamative process of intermarriage with Hindú females, and an admission of Hindú converts, upon very easy terms, to all the honours of Muhammadan nobility; so that any prestige the conquering race might once have claimed was altogether subdued, if not degraded, in these inconsistent concessions, and it required something more revolutionary than the accession of a local Syud to perpetuate a new dynasty.

Khizr Khán died at Dehli on the 17th of Jumáda'l awwal, A. H. 824.

A curious numismatic myth has hitherto been associated with the chieftainship of Khizr Khán, inasmuch as it had been asserted by Ferishtah that he coined money in the name of his patron, Tímúr¹. A more careful examination of the leading versions of the Indian historians, combined with the testimony of extant coins, summarily disposes of this fable. Ferishtah clearly derived this statement from Nizám-ud-dín Ahmad; and looking closely into the Persian text of the latter author, it is seen to be almost a verbatim copy of the narrative of the *Tárikh-i Mubárah Sháhi*, with this remarkable exception, that the passage respecting Khizr Khán's refrain-

¹ "He refrained from assuming royal titles, and gave out that he held the government for Tímúr, in whose name he caused the coin to be struck and the Khutba to be read. After the death of Tímúr, the Khutba was read in the name of his successor, Sháh Rokh Mirza, to whom he sometimes even sent tribute at his capital of Samarkand."—Briggs's *Ferishtah*, vol. 1 p. 508.

Abul Fazl followed Ferishtah in this error.

"Khizr Khán, out of gratitude to his benefactor, Tímúr, did not assume the title of Sultán, but continued to have the Khutbah read in the name of that monarch, contenting himself with being styled *Áyát A'la*, or the Most High in Dignity. At the death of Tímúr, the Khutbah was read in the name of his successor, Sháh Rokh, concluding with a prayer for the prosperity of Khizr Khán."—Gladwin's *Aym-i Akbari*.

ing from assuming the title of king and holding himself as a vassal of Tímúr and Sháh Rúkh,¹ proves to be a gratuitous interpolation of the later epítomist, the concluding portion of which assertion is not adopted or received by his better-informed contemporary, 'Abd ul Kádír *Badáoni*, who rightly confines his statement to the non-assumption of the titles of royalty.

As regards the numismatic aspect of the controversy, nothing could be more conclusive against any notion that Tímúr's title was emblazoned on the Indian coinage for many years after he had left the country, than the appearance of specimens of Dehli muntages, in more or less sustained order, bearing the names of Fíúúz Sháh and other duly-installed monarchs of his race, dated in full figures, and embracing several of the absolutely identical seven years during which Khizr Khán was master of the capital.

In short, Khizr Khán, in imitation of the practice already sanctioned by Mullú Ikbál, and more definitively recognized by Daulat Khán *Lódi*, issued money in the names, sometimes with the available original obverse dies, of his formally-crowned predecessors. It mattered little to one who did not care to call himself a king, whose superscription was placed on the public money,—his duty was confined to authorizing the

¹ "Notwithstanding his possessing the substantial power and authority of a king, he never assumed the title, but called himself Amír 'Ala. He allowed the coin to be stamped and the Khutbah to be read in the name of Amír Tímúr, and subsequently in that of Mirzá Sháh Rúkh, but at last the people used to read the Khutbah in Khizr Khán's name, and to include him in their blessings"—Nizám-ud dín Ahmad, *Tabakát-i Akbari*, Elliot's Index (1849), p. 192

The author of the *Tárikh-i Mubárak Sháhi* never thinks of calling Khizr Khán by the title of Sultán. He is ordinarily entitled *مہمند عالی*, but after his

accession *رایات اعلیٰ (واسم پادشاهی بر خود تجویز نکرد رایات اعلیٰ)*

Badáoni, Calcutta text, p. 285. (خطاب یافت)

legality of the new issues by so much of his attestation, as was implied in the annual date recorded on the reverse, which indicated one of *the* few years during which he was the responsible head of the provisional government of the country,—a system, indeed, which the East India Company, of their own free will, imitated with much credit and simplicity by striking their Rupees in the name of Sháh 'Álam and other defunct monarchs of Dehli, whose money had of old obtained good repute in the local Bázárs. But as the progressive annual dates, which were needed to test the good faith of Oriental princes, came, in process of time, to be a source of confusion and an opportunity for money-changers, the Government adopted the expedient of selecting the best current coin of the day, and based their standard upon its intrinsic value; and so the immutable date of “the xix *san* (year) of Sháh 'Álam,” came to figure upon our much-prized “Sicca Rupees.”¹

TWENTY-NINTH KING (A.H. 824–837; A.D. 1421–1433).

The reign of Mubárák Sháh II. (*Mu'izz-ud-din*) has had the advantage of a special biographer,—an author of more than usual merit, a careful epitomist of the initial history of the Muslims in India, a conscientious and exact narrator of the events of the later period, of which he had exceptional sources of knowledge, and a living witness of the personal government of his patron and that of his immediate predecessor, as well as of the introductory portion of the reign

¹ Prinsep's *Indian Antiquities*, Useful Tables, pp. 2, 3, 24, 48, 74

of Muhammad bin Faríd.¹ But the most graphic historian, ancient or modern, could have produced but little instructive matter out of the thirteen years of provincial warfare that the newly-instituted Sultán of Delhi was doomed to encounter.

If Mubáruk Sháh did not fight his own battles, he had to accompany his own armies at all times, and against all manner of adversaries; the more potent monarchs of Jaunpúr and Málwah affected his essential political position less than the fatal heritage of the Panjáb provinces, from which his father had gone forth to the bootless conquest of Delhi. In effect, the revered capital of the successors of Muhammad bin Sáim had long since lost its prestige in India, and Tímúr's invasion merely put a finishing stroke to the supremacy of the old Hindú reverence for the "Owners of Elephants,"² or the

¹ The author of the *Tārīkh-i Mubārak Shāhi* gives us his own name and parentage in full in his preface as يحيى بن أحمد بن عسك الله السيفر بدي associated with his dedication in all form to the

الوائق بتائيد الرحمن معز الدسا والدين ابو الفتح مبارك ساء السلطان
The work itself is very rare, and none of our collectors of MSS seem to have secured an original copy, even Sir H. Elliot himself, whose MS. I have had to rely upon for my quotations, only obtained a secondary transcript, from an unidentified text, made by one of his own *Munsifs*, who was neither a good calligraphist nor careful or critical in his reproduction of doubtful names. As I have before remarked, the author closely follows Shams-i Siyá in the early portion of his history, and with regard to his own independent composition in the entire work, this division has been so largely taken advantage of by subsequent authors, that the chief value of the recovered original consists in its enabling us to check and restore the doubtful passages that have crept into the recensions of later compilers. The modern copy made for Sir H. Elliot concludes somewhat abruptly with Muhammad bin Faríd's preparations for the march to Multán, in Rabi'ul ákhir, A.H. 838. I have been careful not to anticipate Sir H. Elliot's biographical notice of this author, which will probably appear in the fourth volume of his "Historians."—See Briggs's *Ferishtah*, i. p. xlix. Badáoni, Calcutta text, p. 7, J.R.A.S. m. N S, p. 455

² गज पति *Gaj pati*, "Lord of Elephants," a King

more material purchasing power of the royal treasuries, the northern Barbarian took care to empty. Under these conditions, Mubárák Sháh might make minor demonstrations against the Hindú Zamíndárs of Katehr, or recover balances of tribute within a very limited semicircle south of Dehli, but his real complications were dependent upon the movements of those indomitable "Kokars" (Ghakkars) over whom Tímúr himself had obtained but nominal victories,¹ or the still more exhausting repetition of Tátár raids, organized by Sháh Rúkh's governor of Kábul, under the guidance of that false slave *Fúdul*, whose intrigues were initiated in near proximity to Dehli itself.

Mubárák was murdered within the sacred precincts of the Mosque of the new city of Mubárákpúr,² which he had

¹ Elliot's *Historians*, iii. pp. 415, 416, 473, 474, 485, 520, George Campbell, *Jour. As. Soc. Bengal*, 1866, p. 96.

² The site of Mubárákpúr is not fully determined, those who desire to place it about half-way, in a direct line, between "Shapoi and Roshun Seai," of Colonel McKenzie's map, are met by the fact that it is definitely stated to have been built on the Jumna. Nothing, indeed, can be more clear than the statement of the author of the *Turikh-i Mubarak Shahi*, who absolutely witnessed the laying the foundations of the city in question, and who places it immediately on the banks of the river. His statement is as follows —

بادشاه عالمپاد را انفاق شد كه سترى در كراه از لب آب جون
 بنا كند هجدهم ماه ربيع الاول سنة سبع و ثمان و نمانمايه سترى در
 خراب آنان و بپاسان بپاد و آن شهر شوهر مباركان نام نهاد

(See also his copyists, Nizám-ud-dín Ahmad, MS, and Badám, Calcutta text, p. 297) Under these circumstances, I am inclined to think that the site of the intended city should be looked for near the existing emplacement of the tomb of Khuzr Khán (or خضر كى كنبى) in Mouzah *Ukhatalah* (اوكلهه) (Syud Ahmad, p. 41). I do not feel any difficulty in regard to the present village of "Mubárákpúr," which in all probability only derived its modern name, as in the case of the village of the "Hau-i Khás," from the ancient monument, the tomb of Mubárák still standing within its boundaries.—See Syud Ahmad, pp.

founded on the banks of the Jumna, by some Hindú assassins, instigated to their task by his own *vazir*, Sarwar ul Mulk. The date of this event is fixed by his biographer as the 9th of Rajab, A.H. 837.

No. 287. Silver. Weight, 174 grs. A.H. 833, 835, 837.

Very rare. Mr. E. C. Bayley.

Obverse—في عهد السلطان الغازى المتوكل علي الرحمن مبارك شاه
سلطان

Reverse—في زمن الامام امير المومنين خلدت خلافته ٨٣٥

No. 288. Silver and Copper. Weight, 172 grs.

A H 832, 834, 835, 837.

Obverse { مبارك شاه Area,
سلطان صربت بحصرت دهلى Margin,

Reverse—نائب امير المومنين ٨٣٣

No. 289 (pl. v fig 154) Copper. Weight, 83.5 grs.

A H 832, 833, 834, 835, 836, 837, 838.

Obverse—سلطان مبارك شاه

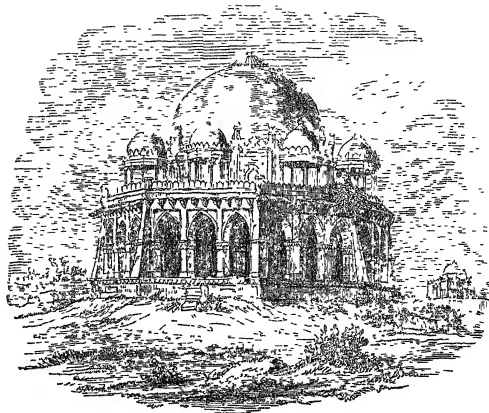
Reverse—دارالملك دهلى ٨٣٢

No. 290. Copper. Weight, 40 grs

Obverse—مبارك شاه

Reverse— . . . بحصرت

26, 41, Jour. Asiatique, p. 190; Messrs Lewis and Cope in Cooper's Handbook, pp 49, 54, Gen. Cunningham's Arch. Report, Map, Mr. G. J. Campbell, Jour. As. Soc. Bengal, 1866, p. 216, and Map, and Jour. As. Soc. Bengal, 1870, p. 83



TOMB OF MUHAMMAD BIN FARÍD AT DELHI.¹

"The usual form of a Pathán tomb will be understood from the accompanying woodcut. It consists of an octagonal apartment, about 50 feet in diameter, surmounted by a verandah following the same form, each face being ornamented by three arches of the stilted pointed form generally adopted by the Patháns, it is supported by double square columns, which are almost as universal with them as the form of arch. It is evidently a reminiscence of the Hindú art, from which their style sprang"—Fergusson's Handbook of Architecture, vol. II p. 653

THIRTIETH KING (A. H. 837-847; A. D. 1433-1443).

Within a few hours of the murder of Mubárák Sháh, the perfidious *Vasír* had formally proclaimed another monarch, in the person of Muhammad bin Faríd, a grandson of Khizr

¹ My authority for the assignment of this Tomb to Muhammad bin Faríd is derived from the testimony of that most experienced of all our archaeological explorers of ancient Delhi, Syud Ahmad Khán, C S I. His account of the edifice is to be found at p. 42 of the "*Asár-us-Sunadced*," and *Journal Asiatique* (1860), p. 417.

Khán, whom the late Sultán had already adopted.¹ Sarwar ul Mulk, however, had no intention that the new king should exercise any real power in the State, and unscrupulously proceeded to possess himself of the royal treasures and equipments, and to distribute the most important posts among his own creatures. A government thus constituted could boast but few elements of permanency; other men could plot and intrigue, and the Muslim nobles were not yet prepared to accept a Hindú dictator, who made no scruple in advancing men of his own creed to all the more influential offices. A strong combination was speedily formed, which, after some varied successes, reduced the *Vazir* to stand a siege within the walls of Sîri. In this crisis his puppet Sultán endeavoured to emancipate himself by entering into negotiations with the besiegers; but Sarwar ul Mulk, obtaining intimation of this proceeding, determined to deprive his adversaries of the prestige of a royal coadjutor, by getting rid of his own protégé; but here, again, there were plots and counterplots, and the *Vazir's* assassin band was met by a stronger party of loyal adherents, by whom they were cut to pieces, a fate which was shared by Sarwar ul Mulk himself.

Muhammad bin Faríd seems for a brief period to have infused some energy into his administration, but the effort was short-lived, and we soon find him subsiding into sensual pleasures and utter neglect of his duties as a king. The inevitable result was soon apparent in the total disorganization of the country, and the opportunity offered to the am-

¹ Nizám-ud-din Ahmád, and after him severally Badâoni, Abúl Fazl, and Feishtab, have confessed to a difficulty about the parentage of this monarch. The *Rubric* heading in Sir H. Elliot's MS copy of the *Tarikh-i Mubârrak Shâhi* is clear as محمد شاه بن فرید شاه بن خضر شاه السلطان, in exact accord with the tenor of the coin legends.

bition of neighbouring monarchs, which was quickly taken advantage of by Ibráhím of Jaunpúr, who possessed himself of several districts bordering on his own dominions, and Mahmúd *Khuli* of Málwah went so far as to make an attempt on the capital. To extricate himself from this pressing difficulty, the Sultán called in the aid of one who was destined to play a leading part in the events of his day, Buhlól Lódi, at this time nominal governor, though virtual master of the dependencies of Láhor and Sirhind. By his assistance, the king was relieved from his immediate danger, and the protecting subject was dignified with the title of Khán Khánán (first of the nobles). Buhlól's next appearance is in a somewhat altered character, as besieger of Delhi itself, and the adversary of the monarch he had lately saved; he was not however successful. Muhammad died in 847.¹

No. 291 Gold. Weight, 176 grs. Unique Mr E C. Bayley.

Obverse—السلطان ابوالمحمد محمدشاه فریدشاه خضرشاه—

Reverse—في زمن الامام اميرالمومنين خلدت خلافة—

No. 292. Silver. Weight, 175 grs. A.H. 846. Very rare

Mr. E. C. Bayley.²

Obverse—السلطان ابوالمحمد محمدشاه فریدشاه خضرشاه سلطانی—

Reverse—في زمن الامام اميرالمومنين خلدت خلافة ٨٤٦—

¹ There is an unimportant conflict of evidence in regard to the exact date of the death of Muhammad bin Faul. Feishtah had succeeded in getting his record wrong by two years, by the process of post-dating Muhammad's accession by that amount, but he makes a less venial mistake in insisting upon a twelve years' reign in spite of his own expressed figures of from "839 to 849" A.H. (Bugge, pp 532, 539). Badāoni also, who is correct in the given dates of accession and death, as 837-847 A.H., insists upon adding that Muhammad reigned fourteen years (Calcutta text, pp. 300, 304) Nizām-ud-din Ahmad, on the contrary, is exact in his dates, and consistent in the assignment of a ten years' reign.

² The silver coin (No. D.CO XXVII. p 645) attributed by Marsden to this Sultán is incorrectly assigned.

No 293 (pl. v. fig. 156). Silver and Copper Weight, 142 grs.

ا.هـ 842, 843, 844, 845, 846, 847.

Obverse—سلطان محمد شاه بن فرید شاه بحضرت دہلی

Reverse—الخليفة امير المؤمنين خلعت خلافة ٨٤٦

No 294 Copper Weight, 136 grs ا.هـ. 844. Rare

Obverse { Arca, محمد ساد
Margin, . . سلطان حضرت بحضرت

Reverse—نایب امیر المؤمنین ٨٤٤

No 295 (pl v. fig 157) Copper. Weight, 85 grs

ا.هـ. 837,¹ 842, 843, 844, 845, 846, 847.

Obverse—محمد شاه سلطانی

Reverse—دار الملک دہلی ٨٤٢

No 296. Copper. Weight, 33½ grs.

Obverse—محمد شاه

Reverse—حضرت دہلی

¹ This very early specimen of Muhammad bin Farid's coinage is the property of Major Stubbs. The last two figures are indisputable, and the first stroke of the v is sufficiently pronounced to satisfy the present reading. On closer examination, I find that I have a coin of 837 ا.هـ in my own collection, and General Cunningham's cabinet, lately made over to Colonel Guthrie, contains a third example of the date in question.

THIRTY-FIRST KING (A.H. 847-855; A.D. 1443-1451).

The 'Alâ-ud-dîn bin Muhammad of the historians, who is entitled 'Klâm Shâh on the current money, succeeded his father in 847 A.H. His accession was not, however, recognized by Buhlâl Lódi, whose obedience the new Sultán was in no position to enforce. The first acts of the public life of this prince clearly manifested to his subjects that they had little to expect from a monarch who, in their own terms, was less efficient than his own father. In 851 A.H., Buhlâl Lódi made a second attempt on the city of Dehli, but with as little success as before; and shortly afterwards the Sultán determined upon the unwise measure of removing his capital to Badáon: his motives for this change do not appear very obvious, as it was effected in the face of the advice of his whole Court. It would seem as if he hoped for some fancied security which he did not feel at Dehli, to which the boundaries of so many adverse chiefs had attained an inconvenient proximity.¹ To complete his own

¹ "Buhlâl Lódi was raised to the throne by a confederacy of six or seven great Afghán chiefs. At the period when this confederacy was formed, the empire of Dehli had really ceased to exist, having been broken down into a variety of kingdoms and principalities. Of all the former vast empire, Dehli alone, with a small territory around it, was held by the Syud Sultán 'Alâ-ud-dîn, the nominal sovereign. The more considerable provinces, Multán, Jaunpur, Bengal, Málwah, and Gujarát, had each its separate king. The provinces around Dehli were in the condition emphatically called *Mulúk-i Tawâif*, or governments of tribes. Mahroli and Mewát, to within seven *cos* of Dehli, were in the hands of Ahmad Khán of Mewát, on the opposite side, Sambhal, to the very suburbs of Dehli, was occupied by Daria Khán Lódi, Kol-Jaleswai, in the Doáb, by Isa Khán Tárk, Ráprí and its dependencies, by Kutb Khán Afghán, Kampila and Patnáli, by Raja Partáp Sing, Bána, by Dawd Khán Lódi. . . . Buhlâl himself possessed the extensive provinces of Láhot, Dabulpáti, and Surhind, as far south as Paniput."—Easkine's *Lives of Baber and Humayún*, i. 405.

ruin, the Sultān allowed himself to be persuaded to disgrace his *razār*, Hamíd Khān, who, escaping to Dehli, quickly welcomed the powerful Buhlól Lódi, who at once, on becoming master of the capital, assumed the title of Sultān; somewhat strangely, however, retaining 'Ālam Shāh's name in the *khutbah*¹ Not long after this, 'Ālam Shāh offered to concede the empire to Buhlól, on condition of being permitted to reside in peace at Badáon. no difficulty was made in taking advantage of this proposal; and from this time Buhlól is reported to have rejected the name of 'Ālam Shāh from the public prayers, and the latter was allowed to enjoy his insignificant obscurity undisturbed till his death in 883 A.H.

No. 297 (pl. v. fig. 159) Silver and Copper Weight, 146 grs.
A.H. 851, 852. Rare.

Obverse—سلطان عالمشاه بن محمد شاد بحضرت دهلی

Reverse—الحلیفه امر المومنین خلد خلافته ٨٥٣

No. 298 Silver and Copper Small coins, similar in fabric and legends.

No. 299. Silver and Copper. Small coin of similar type to No. 297, but inserting صرب دهلی on the obverse.

No. 300 Copper. Weight, 135 grs A.H. 853 Rare

Obverse { Centre, عالمشاه
Margin illegible.

Reverse—نائب امر المومنین ٨٥٣

No. 301 (pl. v fig 160). Copper. Weight, 66 grs
A.H. 852, 853, 854. Rare

Obverse—عالمشاه سلطان

Reverse—دار الملك دهلی ٨٥٤

¹ Nizām-ud-dīn and Badāonī do not give any sanction for this statement of Ferishtah.

No 302 Copper Weight, 46 grs. Rare
Obverse—سلطان عالمشاه بن محمد شاه بختت دہلی
Reverse—الخليفة امير المؤمنين

I avail myself of the break in the continuity of my leading subject afforded by a change in the dynasty of the ruling power at Dehli, to advert briefly to the coins of the contemporary Muhammadan kingdoms of Kulbaiga, Málwah, and Gujarát, whose independence, in the one case, grew out of Muhammad bin Tughlaks difficulties towards the close of his reign, and in the others, took their rise from the weakness of the government of Firúz's successors in the old capital of the Patháns. As in the previous instance of the severed Jaunpúr line, I propose to confine the present numismatic illustrations to representative or otherwise remarkable specimens of these confessed offshoots of the imperial coinage, subordinating, in smaller type, the more ample outline of each local series immediately within reach.

I. THE BAHMANI KINGS OF THE DAKHAN.¹

پادشاهان حساَنان كلركه واحمدآباد بدر سلاطین بهمنیه

NO A H A D²

- 1 748 1347 Hasan Gango شاه علا الدین حسن کاکوی بهمنی
 2 759 1358 Muhammad Sháh, Ghází سلطان علا الدین محمد شاه بن سلطان حسن کاکوی بهمنی عازی

¹ Ferishtah, Bombay *Persian Text*, i pp 525, 730, Buggs's Ferishtah, ii. p. 283, Captain Grant Duff's *History of the Maháratas* (1826), i. p. 50 *et seq.*, Prinsep's *Essays—Useful Tables*, p. 314, Elphinstone's *History of India*, Appendix, p 755; Elliot's Index, pp 331–336

² The parallel dates here entered are designedly more reserved in their definitions than the leading scheme of comparative Hijrah and Christian eras propounded at page 6 *supra*. If difficulties enjoined the specification of exact days and months in the one case, they more distinctly counsel an equal reserve in subordinate and more obscure records.

NO.	A.H	A.D	
3	776	1375	Mujáhid Sháh ساجد شاه بن محمد شاه
4	780	1378	Dáúd Sháh داود شاه بن علاءالدین حسن
5	780	1378	Mahmúd Sháh I. (<i>Muhan mail on the coins</i>) محمود ساد بن علاءالدین حسن
6	799	1397	Ghiás-ud-dín عیاض الدین بن محمود شاه
7	799	1397	Shams-ud-dín شمس الدین بن محمود ساد
8	800	1397	Firúz Sháh (<i>Roz Afzún</i>) فرور شاه بيمی الملک بروز افزون شاه بن داود شاه
9	825	1422	Ahmad Sháh I. احمد شاه ولي بيمی بن داود شاه
10	838	1435	'Alá-ud-dín (Ahmad) II. علاءالدین بن احمد شاه
11	862	1457	Humáyún (<i>Zúlun</i>) ولد سلطان علاءالدین المشهور بهمایون شاه ظالم
12	865	1461	Nizám Sháh نظام شاه بن همایون شاه
13	867	1463	Muhammad Sháh II. شمس الدین محمد شاه بن همایون شاه
14	887	1482	Mahmúd Sháh II. محمود شاه بن محمد شاه
15	924	1518	Ahmad Sháh II. احمد شاه بن محمود شاه
16	927	1520	'Alá-ud-dín III. علاءالدین شاه بن احمد شاه
17	1522		Wali-ullah شاه ولي الله بن محمود شاه
18	1525		Kalím-ullah شاه کلیم الله بيمی بن محمود شاه

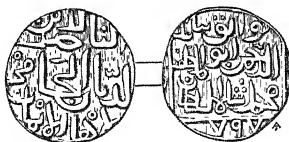
At the period of Hasan Gango's death, the dominions of the Muhammadans in the Dakhan extended over nearly all Mahara-shtra, a small portion of Telingana, together with Raichor and Múdgul in the Carnatic. When Muhammad Sháh succeeded to the throne, he divided the kingdom into four parts, or *tarafs*. In the course of 180 years the territory had been greatly increased by con-

quests, and under Muhammad Sháh II a new division was proposed, according to the following outline:—

OLD DIVISIONS.	NEW DIVISIONS
I Kulbarga.....	1 Bījapúr
	2 Ahsanábád
II Daulatábád	3 Daulatábád.
	4 Junír
III Telingana.....	5 Rajamundri
	6 Warangol.
IV Berár.....	7 Gawel
	8 Mahúr.

Out of these governments arose the several dynasties of 'Adil Sháhi, Nizám Sháhi, Kutb Sháhi, Imád Sháhi, and Baríd Sháhi.¹

No 303. Silver. Weight, 165 grs. Very rare. Col. Guthrie
A.H. 797.



الناصر لدين
لديان الحامي
لاهل الايمان

الواسق بتأيد
الرحمن ابو المطفر
محمد شاه السلطان

٧٩٧

¹ Capt Grant Duff's History of the Mahrattas (London, 1826), i. p. 64

No 304. Silver Gen. A. Cunningham. Very rare.

A.H. 856.



ابوالمظفر علا

السديا والدين احمد

شاه بن احمد شاه

الولي البهمنى

٨٥٦



السلطان

الحكم الكريم

روى على عاد الله

العنى الحميد

Ferishtah, who was learned in Southern story, contributes some curious information in regard to the difficulties surrounding the early currencies of the Bahmani kings. He states that the money of Muhammad Sháh (A.H. 759-776) consisted of pieces of four different denominations, in gold and silver, ranging from two *tolahs* to a quarter of a *tolah* in weight;¹ he then proceeds to describe the legends employed, in which we need not follow him beyond his full text quoted below; but he adds an instructive notice of the tendency of the Dakhani *Sarráfis* to break up the new Muslim

¹ وزیر سلطان محمد شاه بهمنی از قسم طلا و نقره چهار گونه بود باوران سخنلہ ہیایتش از دو توله زیادہ نبود و از ربع طولہ کم نہ و در یکتطرف کلمہ طیبہ شہادت و نام چہار یار و در طرف دیگر نام بادشاہ

عصر و تاریخ و مت ارتسام داشت Bombay text, 1. p. 337.

money for the purpose of reconverting it into coins after their own ideals, bearing Hindú devices. The King is stated to have resorted to extreme measures to repress this practice, but with little effect, until he appears to have given the *Khatri's*, who had originally migrated from Dehli with the conquering hosts, the monopoly of verifying the current coin, which incidentally carried with it the far more important prerogative, too well understood *in loco*, of precedence in money-changing.

موجب حکم کهنریان کہ ہمارا لشکر دہلی در سنوات سابقہ
بدکن آمدہ بودند بشعل صرافہ پرداختہ نا اواخر عہد بادشاہان

ہیمنہ زر اسلام راجہ و شایع بود. Bombay text, i. p. 537.

The most important fact to be gathered from this statement is that, in the southern provinces, goldsmiths and dealers in bullion would seem to have been authorized, by prescriptive right, to fabricate money at will on their own account, without being subjected to any check or control on the part of the officials of a *Regal* mint, supposing such an institution to have formed a constituent division of governmental polity among these still primitive nationalities, where intrinsic values were ordinarily checked and determined by the rough process of the *touchstone* of the village *sonâr*, or tested by the equally imperfect machinery of the responsible authority in the urban communities, with but little reference to royal or other stamps.¹

¹ I have had within my own experience, in the Saugor and Neibuddah territories, a striking instance of the direct and personal responsibilities of the officials of the normal village communities, which quaintly illustrates the practical working of this testing process. A son of a village *sonâr*, in the uncertainty of human life, succeeded to his father's office before he had had time to acquire the full knowledge of his ancestral craft, and in his new capacity was rash enough to put his *punched* attestation of genuineness upon some 350 rupees that were sub-

BAHMANI COINS.

The subjoined skeleton list of the coins of the Bahmani dynasty has been mainly derived from the collection of Gen. A. Cunningham, which has lately passed into the possession of Col. Guthrie. Readily available additions have been made from other sources; but the catalogue is avowedly incomplete, and is only inserted as a serial nucleus, to be filled in hereafter by local collectors. I must avail myself of this opportunity of exonerating Gen. Cunningham from any of the errors which may be discovered in *my* transcripts of the necessarily obscure legends of the coins of this or of the other provincial dynasties now restored from the original pieces.

The contents of these cabinets were delivered in due numismatic order, but the interpretation of the legends did not, even if time had permitted, constitute an obligational part of the transfer to the new owner.

5. MUHAMMAD SHAH. Silver. A.H. 794, 795 (Sir W. Elliot, 797).
(Engraved above)

8. FIRUZ SHAH (AHMADIBAD). Silver. A.H. 801, 807, 810, 813, 814, 817,
818, 819, 822, 823. *Ma-den*, pl. 38, fig. DCCLXVIII

Obverse—سلطان العهد والزمان الوانق بانشاد الرحمن ابو المظفر

Reverse—٨٠٣ ناسج الدنيا والدين فرور شاه السلطان

Copper. *Obverse*—راجی رضوان مهممی *Reverse*—فرور شاه نهیمی

10. 'ALÁ-UD-DÍN AHMAD SHAH. Silver. A.H. 845 (Sir W. Elliot, 856).
(Engraved above)

Copper. A.H. 825, 828, 834.

المصور بصرة الله المتان ابو المعازى احمد شاه سلطان ٨٣٥

Copper. A.H. 842, 843, 844, 845, 846, 854. Large coins.

Obverse—المعتمد بالسنة المتان سمى خليل الرحم ابو المظفر

Reverse—٨٣٣ علا الدنيا والدين احمد شاه بن احمد شاه السلطان

mitted to him for examination by members of his own special community. As these pieces proved, one and all, to be forgeries, the ordinary homely rule required him to replace every rupee he had so incautiously put his hand to—it is needless to say that he was hopelessly ruined. See also PRUSEP, *Useful Tables*, p. 27.

Small coins have Obverses varying from المتوكل على الله الغنى to

الوانق يتأيد الملك

11. HUMAYÚN SHÁH BIN AHMAD SHÁH Silver A.H. 863 British Museum
Obverse—

المتوكل على الله العزى العنى ابو المعازى

Reverse—علاء الدبا و الدين همايون شاد بن احمد شاد بن احمد شاد

الولى البيمنى ٨٦٣

13. MUHAMMAD SHÁH BIN HUMAYÚN SHÁH (SHAMS UD-DÍN).

Silver A.H. 880 (SH W Elliot)

14. MAHMÚD. Copper. (No dates.)

II. KINGS OF MÁLWAH AND MÁNDÚ.¹

NO. A.H. A.D.

1 804 1401 Diláwar Khán, *Ghorí* دلاور خان غورى

2 808 1405 Húshang (Founds' Mándú) ² سلطان هوشك غورى

3 838 1434 Muhammad محمد شاه بن سلطان هوشك غورى

4 839 1435 Mahmúd *Khilyí* (defeated by Buhlál Lódí),

سلطان محمود خلیجی

5 887 1482 Ghíás-ud-dín *Khilyí* عساف الدین بن سلطان محمود خلیجی

6 906 1500 Nasir-ud-dín *Khilyí* ناصر الدین بن ضات الدین

7 916 1510 Mahmúd II. (Muzaffar Sháh Gujaráti aids him

in 923 A.H.). محمود بن ناصر الدین

(A.H. 937, Málwah annexed by Bahádur Gujaráti).

The Muslim state of Málwah was at its zenith under Muhammad Khilyí. At this period its boundaries embraced the cities of Chandúrí, Islámábád, Húshangábád, and Kurlah (the capital of Gondwarra); extending on the south to the Satpúrah range, on the west to the

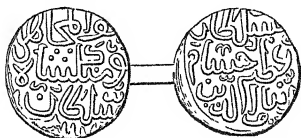
¹ Ferishtah, Persian text, ii p 360, Briggs's translation, iv p 167, *Amir Akbari*, ii. 53-63, Malcolm's Central India (1835), i. 28; Scott's Deccan, etc

² Lat. 22° 20', long. 75° 27'.

frontier of Gujarát, and on the east to Bundelkhand; while northwards the limits were marked by Mówár and Harauti, with occasional tribute from Chítôr¹

Husám-ud-dín Húshang *Ghori*.

No 305. Silver Weight, 169 grs. *Unique* Col. Tod's collection, Royal Asiatic Society. A.H. 574.



ابو المجهاد

هو سنكشاه

السلطان

٨٢٤

السلطان

الاعظم حسام

الدنيا و الدين

'Alá-ud-dín Mahmúd, *Khilji*

No. 306

Gold

A.H. 970.



و الدين محمود

شاه الحلي خلد الله

سلطانه

٨٧٠

السلطان الا

عظم ابو المظفر

علا الدنيا

¹ Malcolm's Central India, i p. 34.

MALWAH COINS.

This list has also been compiled from the contents of Col Guthrie's cabinet, comprising the careful selections of Gen Cunningham, obtained through many years of diligent research.

2 HUSAM-UD-DIN HUSHANG GHORI. Silver (Coin engraved above)

Copper. دارالملک *Revers*—هو شهنشاه سلطان

3 Copper (?) ضرب ولعه پنى اوجبن *Revers*—۸۲۹ في التاريخ

4 MAHMUD a Gold A.H. 870 (Coin engraved above)

b Gold. Square.

c Silver and Copper Square Weight, 168 grs A.H. 825, 826

السلطان الحليم الكريم علا الدسا والدين ۸۲۶

Revers—Square area. ابو المظفر محمود شاه خلجي

d Copper coins of the same device. A.H. 848, 854, 856, 857.

e. Smaller type A.H. 850

f Copper A.H. 845, 847, 848, 851, 857

الحليفه امير المؤمنين خلد الله خلافته ۸۳۷

ابو المظفر محمود شاه خلجي ضرب بحضرت شاديآباد

g Silver and Copper Small coins A.H. 845, 854. (Dehli type.)

Obvers—السلطان الامظفر علا الدسا والدين ۸۳۵

Reverse—ابو المظفر محمود شاه خلجي ضرب بحضرت

h Silver and Copper. Small coins. (Dehli obverses as above)

Revers { *Centre*—محمود شاه خلجي
Margin—حضرت

i. Small coin. Shādīābād. A.H. 873

5 GUNÍS SHÁH. Gold. Weight, 168 grs. A.H. 887.

Obverse—السلطان بن السلطان ولی عهد خلفه الزمان فی العالمین

Reverse—ابو القمح غیاث شاه السلطان الحلجی ضربت بدارالملک

شاد یا باد ۸۸۷

Margin— ابو المظفر محمود شاه خلجی ۴ ۲

Gold Square. Weight, 169 grs. A.H. 883, 884 (British Museum, 885, 888).

الوانی بالملک الملجی ابو القمح غیاث شاه

بن محمود شاه الحلجی السلطان خلد ملکہ ۸۸۵

With a full design of the *Swastika* in the field

Silver Square Weight, 84 grs. A.H. 890 (reversed '۹۸, ۵۱۵), 895, 899
British Museum.

Copper A.H. 883, 887, 894, 896, 903, 904, 905

Copper. Small coins A.H. 883

6 NÁSIR SHÁH. Silver. Square. A.H. 907.

الوانی بالصمد ~ * ابو المظفر ناصر شاه

بن غیاث شاه الحلجی السلطان خلد مملکہ

Copper A.H. 907, 914.

7 MAHMÚD SHÁH ('ALÁ-UD-DÍN) Silver

الوانی بالملک الصمدی ابو المظفر محمود شاه

بن ناصر شاه الحلجی السلطان خلد مملکہ ۹۱۱

Copper. A.H. 917, 918.

Copper. A.H. 914.

III. THE MUHAMMADAN KINGS OF GUJARÁT¹

NO	A.H.	A.D	
1	778	1376	<i>Farhat ul Mu'kh</i> , appointed Viceroy by Fírúz فرحت الملک ²
2	793	1390	Zafar Khán supersedes him by order of Muhammad bin Fírúz, and eventually assumes independence under the title of <i>Muzaffar Sháh</i> . مظفر شاه
3	814	1411	Ahmad Sháh (grandson of Muzaffar Sháh) builds Ahmadábád and Ahmadnagar أحمد شاه
4	846	1442	Muhammad Sháh, son of Ahmad Sháh محمد شاه الكريم
5	855	1451	Kutb Sháh (conflicts with <i>Kumbho</i> , Rána of Mécwár). قطب الدين بن محمد شاه عازى
6	863	1458	Dáúd Sháh, son of Ahmad Sháh. داود شاه بن احمد شاه
7	863	—	Mahmúd Sháh bin Muhammad, <i>Bigara</i> . محمد شاه بىگرد
8	917	1511	Muzaffar Sháh II. (wars with Rána Sanga). مظفر شاه بن محمود شاه
9	932	1525	Sikandar Sháh. سكندر شاه بن مظفر شاه
10	932	—	Mahmúd Sháh II. bin Muzaffar Sháh. محمود شاه بن مظفر شاه
11	932	—	Bahádur Sháh. ³ بهادر شاه بن مظفر شاه

¹ Ferishtah, Bombay Persian text, ii pp 350, 140, Briggs, i p. 456, iv p 2, *et seq*, Badámí, iii 139, *A'in-i Akbari*, ii p 92, Bird's History of Gujarát p. 174, Elphinstone, p 761, Prinsep, Useful Tables, ii. p. 315.

² بعد كشته شدن دامغان اعطاع گجرت بحواله ملك مغر سلطان
گردانيد و فرحت الملک خطاب كرد
—Tārīkh-i Mubārak Shāh MS A.H. 778.

³ "King of the land, martyr of the sea" Killed at Diu, in 043 A.H., by the Portuguese.—Faria e Souza.

NO	A. H.	A. D.	
12	943	1536	Muhammad Sháh <i>Fáruki</i> . محمد شاه فاروقی
13	944	1537	Mahmúd Sháh III. محمود شاه بن اصف خان بن مظفر شاه
14	961	1553	Ahmad Sháh.
15	969	1561	Muzaffar Sháh III. (<i>Itabáb</i>)

Subdivision of the kingdom, and final annexation to Akbar's dominions in A.H. 980.¹

Elphinstone gives the following outline of the possessions of this dynasty —“ When Gújarát separated from Delhi, the new king had but a narrow territory on the plain. On the N.W. were the independent rájas of Jhálór and Siróhi, from whom he occasionally levied contributions. The rája of Ýdar, another Rájpút prince, was in possession of the western part of the hills . . . The rest of the hilly and forest tract was held by the mountain tribes of Bhíls and Kálís, among whom some Rájpút princes had founded petty states (Dóngarpúr, Bhánswára, etc.). The peninsula was in the hands of nine or ten Hindú tribes, who had mostly come from Cach and Sind, at different periods, some centuries before. They were probably tributary, but by no means obedient . . . The real possessions of the kings of Gújarát, therefore, only included the plain between the hills and the sea; and even of that the eastern part

¹ “The whole collection from the government lands and those assigned in Jágir (in A.D. 1571) was 5,84,00,50,000, or 5 *asabs*, 84 *krores*, and 50 thousand Gujarát *tankehas*, . . . there were in those days 100 *tankehas* to a rupee, and the same is now (A.D. 1756) reckoned at 10 *áims*, so that the whole amount would at the present time be equal to 5 *krores* 47 *laks* of rupees (5,84,00,000 Editor's note). A sum also of 25 *laks* of *Ilúns*, and 1 *kror* of *Ibrahimis*, that were two parts greater, being altogether equal to 5 *krores* 62 *laks* of rupees, was collected annually from the kings of the Dakhan, etc.”—Bird's *Gujarát*, p. 109.

The silver currencies of the *Mohmúds* and *Muzaffars* of Gujarát and Málwáh are noticed in the *Áin-i Akbari*, and their intrinsic values specified with reference to other coinages.—See Gladwin, i. p. 17, Blochmann, i. p. 23.

belonged to the rája of Chámpánír On the other hand, the Gújarát territory stretched along the sea to the S E, so as to include the city of Surat and some of the country beyond it."

Ahmad Sháh.

No. 307. Silver Weight, 172 grs. A.H. 820 Col. Guthrie.



احمد شاه بن محمد شاه
بن مطفر شاه
خلد خاقلان

۸۲۸



السلطان الاعظم
ناصر الدسا و الدين
ابو الفتح

Mahmúd bin Latíf

No. 308. Gold. Weight, 183 grs. A.H. 960. Col. Guthrie



محمود شاه
بن لطيف شاه
السلطان

۹۶۰



الوانى بالله المان
ابو النعم فطرب
الدين والدين

GUJARÁT COINS.

3. NÁSIR-UD-DÍN AHMAD Silver.

a A.H. 828. (Engraved above)

b. Variety similar to *a*, but with square area on the reverse. Weight, 175 grs.

Copper. Small coins. A.H. 813

a. ناسرالدنيا والدين احمد شاه السلطان

b Variety, in two sizes Square area reverse A.H. 830, 831, 837, 810, 813, 845, 816

4 GHÍÁS-UD-DÍN MUHAMMAD. *a* Small coins Copper. A.H. 819, 850

عماد الدنيا والدين محمد شاه السلطان

b. Square coins A.H. 856 ² Similar legends, with the prefix of

الاعظم السلطان on one face and ابوالمحامد on the other

7 MAHMÚD Silver A.H. 891, 903, 911.

Silver and Copper A.H. 870

Copper. A.H. 869, 900, 909, 917

8 MUZATJAR SHÁH Gold E.I. collection A.H. 929. Silver

Copper. A.H. 922, 923, 924, 928.

10 MAHMÚD II Silver

11 BAHADUR (KUTB-UD-DÍN). Silver.

Copper A.H. 937, 938, 940

قطب الدنيا والدين ابو العسل ٩٤٠

ابوالمظفر بهادر شاه السلطان

12. MAHMÚD BIN JATIF III (KUTB UD-DÍN)

Gold. A.H. 946, 947, 950, (960, engraved above).

Silver. Struck at Muhammadábád A.H. 961

Copper A.H. 946, 947, 949

14 AHMAD SHÁH (KUTB-UD-DÍN).

Silver. A.H. 968

Copper. A.H. 961

15. MUZATFAR SHAH BIN MAHMÚD Gold Weight, 185 grs A.H. 977

Silver. A.H. 969, 979

Copper. A.H. 969, 971, 978.

المود بن ايد الرحمن مصر الدنيا والدين

مظفر شاه بن محمود شاه السلطان ٩٧٧

Another contemporary dynasty, whose history is closely interwoven with the annals of Dehli, Málwah, and Gujarát, claims a passing notice, both for the heroism of its leaders, the interest attaching to the recovery of power by the Hindús, and the re-establishment of a kingdom which might possibly have progressed into a more permanent form had its adversaries been confined to the detached and weakened Muslim monarchies encircling its frontiers, but which was destined to fall, with the surrounding states of hostile creed, before the assaults of the alien Mughals, whom Bábar led into India.

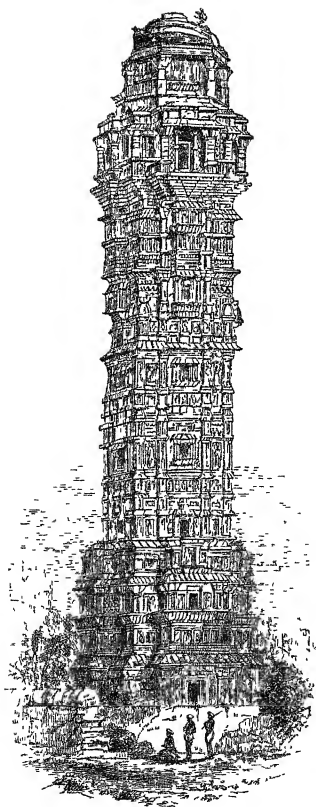
Khumbo's victory over the combined Muhammadan forces of Málwah and Gujarát is commemorated by the costly "pillar of victory," at Chítór, an engraving of which faces this page.¹ And Sanga's valour and success are alike proclaimed by his Hindú title of the "*Kalas* (or pinnacle) of Méwar's glory,"² and as frankly acknowledged in his conqueror's own memoirs

KHUMBO'S MONUMENTAL "JAYA SHAMBHA."

"The only thing in India to compare with this pillar of victory, erected by Rána Khumbo on his defeat of the combined armies of Malwa and Gujarát, is the Kutb Minár at Dehli. This column is 122 feet in height, the breadth of each face at the base is 35 feet. It has nine distinct stories. Around the chamber on the ninth story had been arranged on black marble tablets the whole genealogy of the Ránas of Chítór. Only one slab remains, the inscription on which records that 'in Samvat, 1315, the temple of Brimha was founded, and this year this Khúur Shambha was founded'."—Tod, ii. 761. The subjoined engraving is taken from Fergusson's History of Architecture, ii. p. 635.

¹ Another memorial of this success was preserved in the family, and finally passed into the possession of Bábar, who tells us that "when Rána Sanga defeated Sultán Mahmúd and made him prisoner, the Sultán had on a splendid crown cap (*Táj-i-kuláh*) and golden girdle, which fell into the hands of the Pagan, who, when he set Sultán Mahmúd at liberty, returned them. They were now with Bika-manj His elder brother, Ratanji, who had succeeded to his father as Rána, and who was now in possession of Chítór, had sent to desire his younger brother to give them up to him, which he refused to do. By the persons who now come to wait upon me, he now sent me this crown and golden girdle."—Eisikov's Memoirs of Bábar, p. 385.

² Tod's Rájasthan, i. p. 299.



PILLAR OF VICTORY AT CHITOR.

THE GEHLÔT KINGS OF MÉWAR.

SAMVAT	A. D.	
1381	1275	Chitor captured by 'Alâ-ud-dîn.
1387	1301	Accession of Hamir. He recovers Chitor.
1421	1365	Khaitsi
1439	1373	Lakha Râna.
1451	1398	Mokuljî.
1475	1419	<i>Kumbho</i> . (Defeats the armies of Gujarât and Mâlwah, and captures Mahmûd Khiljî in A. D. 1440)
1525	1469	Ooda
1530	1474	Raimal
1565	1509	<i>Sanga</i> . ¹ (Finally defeated by Bâbar, at Kanwa, in 1527 A.D.)

Coins of Râna Kumbho and of his grandson, Sanga, were engraved and published by James Prinsep in 1835.²

No. 309. Copper. Square Fig. 26. Prinsep.

Obverse—कम्भक *Kambhaka*, with the symbol \boxplus : dotted margin outside the square area.

Reverse—यकलिंग *Eklînga* (the celebrated temple near Oodipûr).³

¹ *Singram Sing*, "the lion of war"—Tod, i. p. 292

² Jour. As. Soc. Bengal, pl. iv figs 24, 25, 26 See also Prinsep's Essays, vol. i. p. 295 pl. cxxv Prinsep was able to decipher only two letters of the name of *Kumbho* कम्भ. The full reading has been communicated to me by General Cunningham, who is in possession of better specimens of the coins in question

³ "The strange gods of the Jumna and Ganges have withdrawn a portion of the zeal of the Gehlotes from their patron divinity Eklînga, whose diwan (*Eklîng ka diwan*) or vicegerent is the Râna. The temple of Eklînga, situated in one of the narrow defiles leading to the capital (six miles north of Oodipûr) is an immense structure, though more sumptuous than elegant. It is built entirely of white marble, most elaborately carved and embellished . . . The brazen bull, placed under his own dome, facing the sanctuary of the phallus, is nearly of the natural size, in a recumbent posture. It is cast (hollow) of good shape, highly polished, and without flaw, except where the hammer of the Tatar had opened a passage in the hollow of the flank in search of treasure."—Tod, i. pp. 222, 516.

The jealousy displayed by Mahmūd Khiljī at Rāna Kumbho's presuming to coin money is amusingly recorded by Ferishtah.

و هم در آن ابام سلطان محمود خلجی متوجه ولایت جنهور
کردید و انا کوینها ار طریق مدار او مواسا پس آمده پارڈ ررو نمره
مسکوک پمشکش فرساد و حون آن سکه رانا کوینها داشت باعث
اردباد غصب محمودی کردیده پمشکش را پس فرسناد

—Ferishtah, text, ii. p. 495, Buggs, iv. p. 221.

SANGA

No. 310. Copper. Samvat, 1580; A D. 1523. Figs 24, 25. Princp.

Obverse—श्री रण संगमसिंह सं १५८० *Srī Sangrama Sinha* Sam. 1580.

Reverse—Trisul and Swastika emblems.

THIRTY-SECOND KING (A H. 855¹–894, A D. 1450–1488)

The vigorous rule of the Afghān Buhlōl Lōdī offers a strong contrast to the inane weakness of the sway of the two mis-called Syuds who preceded him. His lengthened supremacy of thirty-eight years, however, affords but little of variety to dilate upon. The principal characteristics of his domination being defined in the energetic and successful subjection of his local governors, and a prolonged war, marked by the utmost determination on both sides, with the kings of Jaun-

¹ Buhlōl's actual accession is fixed, in the History of the Afghāns, edited by Dorn, at 17th Rab'ul awwal, 855 A.H. *Vide* page 46, edit. Oriental Translation Fund. Nizām-ud-dīn and Badāoni concur.

púr. for a long time neither one party nor the other can be said to have obtained any very decided advantage, such as might have been expected to result from the great efforts made on either side. The balance of success generally terminated in favour of the monarch of Dehli; and at length, in the year 893 A.H., after a twenty-six years' war, he finally re-annexed the kingdom of Jannpúr to his own empire. It is recorded of this Sultán, that, unlike Eastern monarchs in general, he was no respecter of pomps and ceremonies, remarking "that it was enough for him that the world knew he was king, without his making a vain parade of royalty."

No. 311 (pl. v fig. 162). Silver (impure) Average weight, 144 4 grs. Common $\Lambda\Pi$ 858, 859, 860, 861, 863, 876, 879, 882, 887, 888, 889, 890, 892, 893, 895.

في زمن	المتوكل على
أمير المؤمنين	الرحمن بهلول
خلدت خلافته	شاه سلطان
١ ٠ ٢	حضرت دهلي

No. 312. Silver and Copper Weight, 52 grs.

Obverse—بہلول شاہ سلطان حضرت دہلی

Reverse—الخليفة امير المؤمنين خلدت خلافته

No. 313. Copper. Average weight, 71 grs. $\Lambda\Pi$ 855, 863, 865, 866, 867, 868, 869, 873, 875, 877, 878, 879, 887, 888.

Obverse—بہلول شاہ سلطان

Reverse—دار الملک دہلی

No. 314. Copper. Weight, 67 grs. A.H. 886, 889, 893, 894.

Obverse—Legend similar to No 313.

Reverse—الحليفة

No 315. Copper Average weight, 140 grs A.H. 877, 878,
879, 892

Obverse { Centre—بہلول شاد
Margin—السلطان

Reverse—نایب امیر المومنین ۸۷۷

I subjoin the results of some assays of coins of Buhlól Lódi and his son Sikandar, conducted under the native process:—

- 1 A.H. 858. Wt. 138 grs. Result—Silver, 0 grs. (No. 311.)
- 2 A.H. 859. Wt. 143 grs. Result—Silver, 15·3 grs (No 311.)
- 3 A.H. 882 Wt. 145 grs Result—Silver, 14 grs (No. 311.)
- 4 A.H. 893 Wt. 141 grs. Result—Silver, 6·7 grs. (No. 311.)

Sikandar bin Buhlól.

5. A.H. 904 Wt. 136 grs Result—Silver, 7 grs. (No. 316.)
- 6 A.H. 910. Wt 134 grs { Assayed together, total } (No. 316.)
7. A.H. 918 Wt 139 grs. { result, a mere trace } (No. 316.)
8. A.H. 919. Wt. 139 grs. { of silver. } (No 316.)
9. A.H. ? Wt. 137 grs. Result—Silver, 5 grs. (No 316.)

NOTE ON THE COINS OF BUHLÓL LÓDI

Amid the chance references to the cost of articles of everyday consumption and other current prices to be found in the works of Indian authors, who flourished shortly after the reign of Buhlól Lódi, we meet with frequent repetition of the term *Buhlólóh*, as applied to a recognized and quasi-standard coin of the period.¹ Abúl Fazl, the comprehensive

¹ "In Ibráhím bin Sikandar's time, corn, clothes, and every kind of merchandise, were cheaper than they had ever been known to be in any other reign,

recapitulator of the various independent currencies assimilated or adapted by his patron, Akbar, had already sufficiently declared its intrinsic value as $\frac{1}{16}$ th part of a *rupee*,¹ and its weight as 1 *tolah*, 8 *māshas*, and 7 *ratas*, though there were conflicting opinions as to the exact sum represented by the figures in question. In addition to these identifications, the *Buhlól* was stated to have succeeded to the previous functions of the *pausa*, and to have constituted the connecting link between that coin and the *dām*, in which the entire

except, perhaps, in the time of Sultān 'Alá-ud-dīn Khiljī . . . In the time of Sikandar, also, the markets were very cheap, but still not so much so as in the time of Ibrahim. Ten *maunds* of coin could be purchased for one *Buhlól*, five *maunds* of clarified butter, and ten yards of cloth, could be purchased for the same coin. If one (man) offered four *maunds* (of coin) for the *Buhlól*, another would offer five, and some even more than that, until at last . . . ten *maunds* would sell for a *Buhlól*. Gold and silver were only procurable with the greatest difficulty. A houseman received five *tanlas* a month, and if any one spent 100 *tanlas* he might be considered to be possessed of great wealth. If a traveller wished to proceed from Delhi to Agra, one *Buhlól* would suffice for the expenses of himself, his horse, and four attendants."—Elliot's Index, pp 273, 292, quoting the "Zubdat ul Tawārikh" of Nūr ul Hakk. The work is an expansion and amplification of his father's *Tārikh-i Hakk*, which was composed in A.H. 1005 (A.D. 1596-7). Abul ul Hakk states that after completing his selections from Zia Barni, he was indebted to the *Tārikh-i Bahādur Shāhi*, of Sām Sultān Bahādur Gujāni, for his information down to the close of the reign of Buhlól Lodi, and thereafter his knowledge was derived from verbal and personal investigations.

۱ دām مسمیٰ بقدیست وزن پنج ناکت کہ یکت نولجہ و ہشت
ماشہ و ہفت سرخ باشد - چہلم محش رویمہ - نخست آبرا پسہ
گفتہ و پہلوی سز خواندہ امور بدان نام اشتہار دارد - یکت سو
سرب فلان جائی و دیگر جانب سال و مہ

—*Ā'in Akbari*, Calcutta text, p 27, Gladwin's translation, i. p 35, Blochmann's ditto, p 31. The passage in question goes on to explain, that in Akbar's time the term *jital* had been so far modified in its meaning and application as to have come to be used as a definition for an imaginary division, "in account," of $\frac{1}{16}$ of a *dām*.

revenues of the State were assessed under the Great Mughal. These definitions, however apparently complete, left several practical points undetermined; it was not expressly stated whether the *Buhlól* was composed of copper, or of the mixed compromise of metals, so exaggeratedly favoured in the contemporary mint system. the preferable inference certainly pointed to the former conclusion, but, on the other hand, there was no such copper piece of Buhlól *Lódi* to be found, in the whole range of modern collections, as would at all assimilate with the heavy mass of that metal rising up to, if not over, 328·5625 grains, which clearly constituted the authorized coined *dám* of Shír Sháh and his imitator, Akbar.

Moreover, the subject was encumbered with an altered scale of proportions, both in the official increase of the weight of the silver coins under Shír Sháh, and the subsidiary question of the simultaneous advance of the copper standard, or a possible re-adjustment of conflicting ratios dependent upon progressive changes in the values of the two metals. Shír Sháh's *rupee*, with which he replaced the old *tanluh*, avowedly involved an advance of 3 grains upon the old standard of 175 grains; and I shall be in a position to show in detail from his own coins the relative increments, which, however, form only a secondary portion of the present argument.

But what the new numismatic data, aided by stray waifs from written history and tradition enable us now to assert is, that the *paisa*, wherever it obtained its more modern name, was simply, to all intents and purposes, the mere successor of the double *kársha* of remote antiquity, one of the primitive measures of copper adverted to in the "Laws of Manu,"¹

¹ *Kársha* कर्ष, Tamil, *Káru*, "cash," Toda, *Kas*, Chinese, "Cash;" the *Kahápana* of Ceylon (Mahawanso), and the Western Cave Inscriptions.

and whose exact counterpart, singular to say, declares itself in the earliest scheme of Egyptian Metrology under the nearly parallel term, which the hieroglyphics render as 2 KeT.¹

To all appearance the recognized weight retained in full its theoretical place and position in India, though practically as tangible money it is found to be represented by two single *hārsha* pieces. Of this latter coin of 140 grains, we can quote continuous examples, ranging from the archaic copper coins of Rāmadatta² to the coarse mintages of the early Pathāns,³ and onwards, in consecutive order, till Buhlól Lódi assimilated their fabric to the type and execution of his mintages in the higher metals, but the vitality and immutability of the ancient measure is proved triumphantly by its acceptance, so to say, intact, in all the minor mints under Dābar,

The Mitāksharā (circa A.D. 1049) defines the *Kārshā* as "measured by a *Kārshā* (*Kārshenimuta*)," and the copper *Kārshā* itself is described as *Tamasya Vihāra*, or "copper transformed," &c. worked up from its crude metallic state into some generally recognized form.—Wilson, *Ariana Antiqua*, p. 404, Prinsep's Essays, i. p. 53, G. Buhler, *Bombay Branch Jour. Roy. As. Soc.* October, 1868, Cowell, in *Elphinstone*, p. 89; Bunnouf, *Intro. à l'Hist. Bud.* pp. 236, 238, Spence Hardy, *Manual of Buddhism*, pp. 119, etc. *Bombay Jour. As. Soc.* (1853) (1854) p. 1, *Inscriptions*, pp. 3, 9, (1862) p. 1, and (1863) p. 1, *et seq.* See also Yajñavalkya, § 363, *Amala Kosha*, ii. pp. 9, 86.

¹ ANCIENT EGYPTIAN WEIGHTS

- | | | |
|----|-------|---|
| A. | Circa | 1400 grains = 3½ KeT, or 7½ KeT (Manch ²) |
| B. | Circa | 700 grains = 5 KeT. |
| C. | Circa | 280 grains = (2 KeT) |
| D. | Circa | 140 grains = KeT. |
| E. | Circa | 70 grains = (½ KeT). |

The copper coins of the Ptolemies follow this standard, their gold and silver standards adhere to the Aeginetan weight.—R. S. Poole, *Smith's Dictionary of the Bible*, iii. p. 1732.

² Prinsep's Essays, i. p. 216, pl. xx. figs. 47, 48

³ Balban's copper coin, No. 114, seems to have been a half *Kārshā*. So also the piece of Jalāl-ud-dīn Firūz, No. 123, and others in succession.

where copper was struck as an inferior metal, and left to assert its own value, for, to its surface, the conqueror, following the custom of the west, declined to attach his name.

The author of the "Institutes of the Emperor Akbar" gives a second or alternative definition of the value and intrinsic contents of the assimilated *paisa*, *Buhlöl*, or *dám*, as equal to five *tanks*. Whatever doubt might once have existed as to the measure of this weight, is now satisfactorily set at rest by the coins themselves, the *tank*, in short, is merely the old *dharana* of 32 *ratís* (or 56 grains)¹ which, even at the remote period of the crude tabulation of weights, under the simple nomenclature of the seeds of the earth, from whence their denominations were chiefly obtained—had already acquired the optional name of *purána*, "old."

The two systems are fully represented in the current coinage of the Patháns, and conjointly offered considerable facilities for the settlement of broken change. The 40 *double kárshas*, or 80 current *single kárshas*, or 160 *half-kárshas* (No. 183), were equal to 200 copper *tanks*, either of which amounts represented the established value of a silver *tankah*.²

In respect to the weights of copper, in either case, the totals ran $280 \text{ grains} \times 40 = 11200 \text{ grains}$, and $56 \times 200 = 11200 \text{ grains}$.

These figures have an additional importance in the present

¹ See p. 221 *anté*, Bábar's Table of Weights, 32 *ratís* = 1 *tang*.

² Sir H. Elliot has preserved a curious record of the practical working of the intricate sub-divisional exchanges of the lower coinage under the head of "*Damri* درمدری". In the Dehli territory, the term is applied to the sub-divisions of a village. Thus in Gopálpúr, of Rohtak, there are 150 *damris*, each *damri* being equivalent to twenty-five *laekcha bighas*. But *damri* is commonly known as a nominal coin, equal to $3\frac{1}{2}$ or $3\frac{3}{4}$ *dáms*, or between two and three *gandas*—so that a *damri* varies from 8 to 12 *cowris*, according to the good-will and pleasure

instance, as they establish conclusively what was heretofore somewhat of a matter of conjecture,¹ that the ratio of copper to silver was 64:1 ($11200 \div 175 = 64$).

of unscrupulous Banyas. It may be useful to subjoin from the 'Dīwān Pasaṁ' a table showing the value of *damus* and *dams* —

1	<i>damus</i> i	3 $\frac{1}{4}$	<i>dams</i>
2	" ...	6 $\frac{1}{4}$	" ... 1 <i>chhodam</i> .
3	"	9 $\frac{1}{4}$	"
4	"	12 $\frac{1}{4}$	" ... 1 <i>adhela</i>
5	" ...	15	"
6	" ...	18 $\frac{1}{4}$	" ... $\frac{7}{8}$ <i>paisa</i>
7	"	22	"
8	"	25	" ... 1 <i>PAISA</i> .
9	"	28	"
10	" ...	31 $\frac{1}{4}$	" .. 1 $\frac{1}{4}$ "
11	" ..	34 $\frac{1}{4}$	"
12	"	37 $\frac{1}{4}$	" . 1 $\frac{1}{2}$ "
13	" ..	40	"
14	" ..	44	" 1 $\frac{3}{4}$ "
15	" ...	47	"
16	"	50	" ... 1 <i>TAKA</i> .

The table is given with some slight variations in the 'Zubdatu'l Kawānīn,' but in neither are the smaller fractional amounts given with correctness" Sir H Elliot, at the same time, is careful to warn us that the popular *dams* quoted in this table have nothing in common with the *dam* of Akbar's revenue accounts (n. p. 81)

¹ "The tale of shells compared to weight of silver may be taken on the authority of the *Ulavati* — 20 *kapaḍakas* (shells or cowries) = 1 *kāḍhī*, 4 *kāḍhīs* = 1 *pana*, *kaśhāpana*, or *kaśhā*, 16 *pana* (= 1 *panna* of shells) = 1 *bherma* (of silver), 16 *bhermas* = 1 *mshā* (of silver). It may be inferred that one shell is valued at 1 *kaśhā* of copper, 1 *pana* of shells at 1 *pana* of copper, and 64 *panas* at one *tolaka* of silver, which is equal in weight to 1 *pana* of copper. And it seems remarkable that the comparative value of silver, copper, and shells, is nearly the same at this time [1798] as it was in the days of *Bhāskara*."

The comparative value of silver and copper was the same in the reign of Akbar. For the *dam*, weighing 5 *tāṅkas*, or 20 *mashas* of copper, was valued at the 1-10th of the *Jalāh* i.e., weighing 12 $\frac{1}{2}$ *mashas* of pure silver, whence we have again the proportion of 64:1.—If T. Colebrooke, *Asiatic Researches*, v. p. 92.

[Colebrooke was in error in regard to the relative value of silver and copper obtaining in Akbar's time, as will be shown hereafter.]

THIRTY THIRD KING (A.H. 894-923; A.D. 1488-1517).

Some time before his decease, Buhlól had nominated as his successor his son Nízám, who, not altogether without opposition, ascended the imperial *masnad* under the title of Sikandar Sháh. In the division of his dominions in 883 A.H., the Sultán had assigned the kingdom of Jaunpúr to his son Bárbak. On attaining supreme power, Sikandar demanded the nominal allegiance of his brother in the still cherished recitation of his own name in the public prayers of the country over which Bárbak ruled; this homage being denied, it was deemed necessary to compel its concession by force of arms. In the action which ensued, Bárbak was worsted, but was subsequently forgiven, and reinstated in his government. During the succeeding years the Sultán was occupied in the subjection of Sultán Sharf, which was completed by the capture of his stronghold of Biana, and in the suppression of two somewhat formidable insurrections in Jaunpúr and Oude. In 897 A.H., Sikandar extended his conquests over the whole of Bihár, dispossessing Husain, the last of the regal line of the Sharfis, who was forced to take refuge with 'Alá-ud-dín, king of Bengal. With this monarch the ruler of Dehli arrived at a satisfactory understanding, involving a mutual recognition of boundaries and other rights. In 909 A.H., the Sultán, for the first time, fixed his residence at Agra, which henceforth was to supersede Dehli as the metropolis of Hindústán. Sikandar's reign was disgraced by an unusual display of bigotry, evidenced principally in a persevering destruction of Hindú temples, on the sites of which were raised Muslim mosques.

No 316 (pl. v. fig 167) Copper. Average weight, 139 grs.
 ▲ H. 894, 895, 896, 898, 900, 901, 902, 903, 904, 905, 906
 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918,
 919, 920.

فی زمن	المتوکل علی الرحمن
امیر المومنین	سکندر شاه
خلدت خلافتہ	بہلول شاہ سلطان
۹۰۶	بحضرت دہلی

No. 317. Copper Average weight, 55.5 grs.
 ▲ H. 905, 907.

Obverse—المتوکل علی الرحمن سکندر شاہ بہلول شاہ

Reverse—امیر المومنین خلدت خلافتہ

NOTE ON SIKANDAR LODI'S COINAGE.

As Buhlól Lódi's name is associated with a fixed money value in account, involving a seeming return to a partially obscured system of reckoning, so his son Sikandar's title is identified with a coinage which took a more definite and prominent position amid the succeeding currencies of the land. These two issues, confessedly composed of different metals, might at first sight be supposed to have but little in common; but on a more close examination the Sikandari *tankah* is found to have formed the connecting link between the *Buhlól* and the *dám* of Shír Sháh; there is one break, however, in the completeness of this continuity, inasmuch as the *Buhlól* was made up of two *kárshas*, while the Sikandari *tankah* doubled that amount; twenty pieces constituting the change for a *siher tankah*, instead of the 40 *Buhlóls* or 80 *kárshas* of the previous scheme of exchange.

For more specimens of
the coins of the Palhau
kings of Belli, see

J.R.A.S.B. 1880 Part I.

also can of maharaja

of Cauagra ✓

ca 7th. coins of

A. E. L.

In the one case the design seems to have been to reintroduce the division by 40 to the supercession of the complicated 64 *lānis*, with its attendant gradational proportions of silver and copper; in the second instance, the same motive is more definitely developed in the rate established of 20 Sikandarīs to the *silver tankah*, and the complete rejection of all traces of 64ths, inasmuch as the value of the new piece would not accord with any of the established *lāni* pieces, nor would it even range with an imaginary division of half a *Shashkāni*. The reverting to the alloy of mixed silver and copper regained all the old advantages of the portability of the coin, and all objection to the use of composite metal was removed in the limitation of the entire issue to one average value; while, on the other hand, the difficulty and loss incident to the recovery of the silver from this money for the construction of ornaments, etc., secured for it a permanency in its coined form which pure silver and gold could never have commanded.

The estimate of intrinsic contents derived from the accompanying Assay Table gives the rough average of silver to each coin as 5.647 grains; and adding the price of the copper basis at the rate of 64 copper to one of silver, we get something over a total silver value of 7.747 grains.¹ The parallel $\frac{1}{16}$ th of the 175 grains of the *full silver tankah* would be 8.750 grains, so that the combined metals furnish a very

¹ This is merely a tentative calculation, taking 41 coins to the lb (it should be more exactly 41.142). Then $299\ 11\ 18 \times 24 = 7178\ 7552 - 41 = 175\ 09208 - 31 = 5\ 64813$, average grains of silver per coin. Copper contents remaining, $110 - 5\ 648 = 134\ 353$, at 64 grains per grain of silver = 2.0989 grains, or a total silver value of 7.74703 grains. Gen. Cunningham's assay, by the native process, gives a much lower average of silver contents, rising only to 4.18 grains per coin. See p. 324, *enté*. But in neither one case nor the other need we expect any very uniform results. The Calcutta table itself furnishes ample evidence of the irregularity of the action of the Delhi Mint, which we have seen, by Firúz's own confession (p. 281), had very much its own way in regard to the equitable value of the mixed metal coins put forth from time to time.

fair approximation to the value theoretically required, especially if we make allowances for the very imperfect manner in which the two metals were obviously amalgamated and distributed in the general mass.

List of Dehli Coins, composed of silver and copper, in varying proportions, forwarded to the Calcutta Mint for examination by Edward Thomas, Esq, C S, 10th June, 1853

A II	Reference to Numbers of Coins in "Pathan Sultan's"	Weight in Grains	Dwt- Fine Silver, per lb in each
	SIKANDAR BUKLÖL		
895	No 316	143 438	1 900
896	"	142 163	2 025
"	"	142 836	1 925
"	"	188 913	1 615
"	"	140 088	2 200
898	"	141 500	1 5625
900	"	140 800	2 6000
"	"	127 600	3 0125
903	"	143 100	4 650
904	"	142 500	5 624
907	"	143 250	15 5
"	"	141 150	16 0
"	"	139 900	16 0
905	"	144 500	17 5
909	"	141 500	15 0
910	"	140 200	15 0
912	"	142 500	12 0
"	"	185 500	15 0
913	"	132 250	15 0
"	"	140 750	15 0
914	"	140 000	15 0
"	"	138 500	15 5
"	"	141 000	16 5
"	"	140 500	16 0
918	"	138 250	10 0
"	"	133 250	10 0
"	"	139 750	9 0
"	"	125 000	8 0
919	"	135 250	32 0
"	"	137 250	8 0
"	"	137 500	8 0
			290 1140

Under the written evidence of contemporary and other authors, the authoritative value of the Sikandari is equally well established in its full identity. Bábar, in his *Memoirs*, adverts to his own gift to his son Humáyún, on the occasion of the distribution of the accumulated treasures of the *Lódís*, as amounting to "70 *lahs*," we must conclude of current coin. Nízám-ud-dín Ahmad specifies the like sum of undefined but manifestly ordinary coin;¹ Khwandamír more explicitly designates the gift as being composed of Sikandari *tanlahs*,² and Ferishtah, to complete the definition, capitalizes the sum in more modern currencies as "350,000 rupees,"³ which determines the ruling value of the piece at two *dáms*, or a sufficient approach to the amount which the intrinsic contents of the coins now assayed would average. Furthermore, the system of computing by double *dáms* was clearly widely spread and of very general acceptance;⁴ so much so that Akbar himself is found to have provided a special copper coin of that denomination, truly of very inconvenient proportions,⁵ seem-

¹ Nízám-ud-dín Ahmad *Bahshih*, who was learned in currencies, fixes the sum of "70 *lahs*" as given to Humáyún, but there is no specification of any particular coin. The text runs—*خزاین برکشاده هفتاد لک شاهزادہ*—عالمان محمد همايون مرزا اعام فرموده امرارا ده لک و هشت لک و شش لک و پنج لک
p 132, B.I MS., etc

² I have little hesitation in correcting his "7 *lahs*" into 70. Most of these references were collected by Erskine (*History of Bábar and Humáyún*, ii. p 544). He, however, missed the passage from Nízám-ud-dín, and in the absence of the coins, properly hesitated to correct the seven *lahs* of Khwandamír, whose information was otherwise most exact, as he was a contemporary and well-informed author. See Elliot's Index, p 108, Ferishtah, Briggs, ii p. 48

³ *سہ لک و پانچاد ہزار روپہ نقد* p. 282. Kháfí Khán has—*پنجاد ہزار تنکہ نقرہ رائج الوقت*
p 53, Calcutta text

⁴ See Sir H. Elliot's table, quoted p 364, Erskine's *Bábar*, i pp 542-4.

⁵ Such a piece is extant in the British Museum, weighing 664 grains, an

ingly more designed to meet the contingency of an appeal to such a weight in its legalized form than for any purposes of practical utility in the general circulation.

T INSCRIPTIONS AT DEULI OF SIKANDAR BIN BULLŪL.

- 1 Dated A. H. 903, on the Dargáh of Yúsaf Katál.
2. Dated A. H. 906, on the bastion of Shaháb-ud-dín Tájj Khán.
- 3 Dated A. H. 909, on the lower entrance of the Kutb Minár
- 4 Dated A. H. 912, to the following effect:—

در عهد دولت همايون سلطان الاعظم المعظم المتوكل على الرحمن
سكندر شاه بن بهلول شاه سلطان خلد الله ملكه و سلطانه بنا كرد
اين كنبد بنده امبدوار رحمت پروردگار دولت خاں خواجه محمد
غرة ماه رجب سنه اثني عشر و تسعمائة

- 5 Dated A. H. 913, on the arch of the Makbarah of Firúz Sháh (p. 310, *ante*)

THE YARD MEASURE OR GAZ OF SIKANDAR LODI.

Abúl Fazl, in noticing the various descriptions of yard-measures introduced at different times into Hindústán, makes incidental mention of certain coins designated Sikandaris—upon the basis of a given number of diameters of which the *gaz* of Sikandar Lódi was authoritatively defined. The class of money described under No. 316 evidently furnished, among other uses, the data for this singularly defined measure. Any tyro in Indian Numismatics, under whose eye specimens of this mintage may chance to pass, cannot fail to remark that, imperfect as their configuration undoubtedly is, as compared

amount which is rather over the estimated ratio, but the coin is sharp, unworn, and is, perhaps, affected by the oxydation of its once clear surface.

with our modern machine-struck money—yet, that they hold a high place among their predecessors in respect to their improved circularity of form, and general uniformity of diameter—points which had certainly been less regarded in the earlier products of the Dehli mints.

The passage alluded to is to the following textual effect:—

سلطان سکندر لودی در هندوستان سرگزیه در میان آورد و آبرا
چهل و یک و نم اسکندری اندازه گرفت * و آن مسن نقدی است
گرد نثره آمیز جمت آشباک سم دیگر افزود و چهل و دو فراه گرفت *
مغدار آن سی و دو انگشت بود * و از پشمن حکما نیز بدینسان
برگذاشت : و در زمان شرخان و سلم خان * * بهمین گز پیموندند نا
سال سی و یکم الهی اگرچه در کرپاس گز اکبرشاهی بود و چهل و شش
انگشت برابر لمکن در زراعت و عمارت اسکندری بکار داشته

—Calcutta text, p. 296.

With a view to make these coins, even at the present day, contribute towards our knowledge of the true length of this *gaz*, which is still a *rezata questio*, I have carefully measured a set of 42 of these pieces, arranged in one continuous line; the result is, that the completion of the 30th inch of our measure falls exactly opposite the centre of the 42nd coin.

The specimens selected for trial have not been picked, beyond the rejection of five very palpably worn pieces, out of the total 48 of Mr. Bayley's coins, which I have at my disposal.

The return now obtained I should be disposed to look upon as slightly below the original standard, notwithstanding that it differs from the determination of the measure put forth by Prinsep;¹ but I must add that Prinsep himself distrusted

¹ Prinsep's *Essays, Useful Tables*, pp. 123, 126.

his own materials, and was evidently prepared to admit a higher rate than he entered in his leading table.

Since the observations here reproduced were printed at Dehli, in 1851, Gen. Cunningham has examined the general question, from an independent point of view, and to establish other coincidences.¹ His measurement of the given number of Sikandar's is found slightly to exceed the above amount, this result I was, to a certain extent, prepared for, though I did not anticipate so close, and I may say satisfactory, an approximation to my own tentative returns. The very nature of the materials, constructed, as we have reason to suppose, from a hammered bar or imperfectly cast rod of mixed silver and copper (under the similitude of a light crowbar), divided off in cross sections to form the individual coins,² did not encourage us to expect any approach to the accuracy of modern

¹ General Cunningham remarks—"To determine the exact value of those measures we must have recourse to the unit from which they were raised. This is the *angula*, or 'finger,' which in India is somewhat under three-quarters of an inch. By my measurement of 12 copper coins of Sikandar Lodhi, which we know to have been adjusted to fingers' breadth, the *angula* is 72976 of an inch. Mr. Thomas makes it slightly less, or 72289. The mean of our measurements is 72632 of an inch, which may be adopted as the real value of the Indian finger, or *angula*, as I found the actual measure of many native fingers to be invariably under three-quarters of an inch. According to this value, the *hasta*, or cubit, of 24 *angulas*, would be equal to 17 43168 inches, and the *dhanu*, or bow, of 96 *angulas*, would be 5·81 feet. But as 100 *dhanus* make one *nalwa*, and 100 *nalwas* make one *krosa* or *kos*, it seems probable that the *dhanu* must have contained 100 *angulas* to preserve the centenary scale (the same confusion of the numbers 96 and 100 exists in the monetary scale, in which we have 2 *baragans*, or twelves, equal to 1 *pinchhi*, or twenty-five.) According to this view, the *hasta*, or cubit, would have contained 25 fingers instead of 24, and its value would have been 18 158 inches, which is still below many of the existing *hastas*, or cubits, of the Indian Bâzâs. Adopting this value of the *hasta*, the higher measures would give 6052 feet for the *krosa*, . . . or within 15 feet of that derived from the statement of Megasthenes."—The Ancient Geography of India, by Gen. A. Cunningham p. 575. (London: Triebner & Co, 1871.)

² See *anté*, pp. 225 *note*, 229, Gladwin's *Ajyn-i-Akbar*, ii. p. 15.

mechanical appliances, and to all appearance the presiding authorities of the period scarcely contemplated exceptional exactitude in this summary but ever-ready test. No doubt the fiscal administrators were furnished with critical official standards, but the immediate object in view in the present adjustment seems to have been to supply the mass of unlettered purchasers with a prompt means of checking the professional frauds of the shopkeepers,¹ so that the simple exhibition of a row of Sikandaris, the leading current coin of the realm, on the counter, would on the instant determine the fullness or deficiency of the tradesman's yard; constituting, in brief, a popular ready-reckoner, especially adapted to the notions and traditions of the indigènes. I freely accept Abúl Fazl's suggestion, that this *gaz* was no new measure of length introduced by Sikandar; the original (and possibly aboriginal) *gaz* was already obviously in full use and recognition, and Akbar himself, with all his needless but otherwise systematic innovations, had to confess, in the 31st year of his reign, that though he had carried his own *Akbari gaz* of 46 finger breadths into the cloth merchants' shops, that the Sikandari *gaz* of 32 fingers was still "employed for every other purpose," and thus he confessedly met the difficulty by subsiding into the compromise of the *Máhi gaz* of 41 fingers.²

¹ See p 164, *ante*

² These numbers are suggestive, the ancient 32 (or half of 64) as superseded by the irregular totals of the Muslim theory. Abúl Fazl further confesses that "in some ancient books (کهن نامہا) the *gaz* is said to consist of two spans and two inches (دو شمر و دو گرڈ), and this *gaz* is divided into 16 equal parts (گرڈ), each of which was subdivided into quarters called *pahas* (پہر, प्रहर), so that the *paha* was the $\frac{1}{64}$ of a *gaz*."—Gladwin's *Ajám-i-Akbari*, ii p 352; Calcutta text, p. 294.

In connexion with this question of normal Indian numbers, I may refer to the archaic Dravidian *kēni* in the existing land measures of the south.—Prinsep, *Useful Tables*, p. 124.

Those earnest men who followed the pioneers of our conquest in Upper India, and who were content to identify themselves with *the* nation over whom they were appointed to rule, displayed much interest in the determination of the imperfectly preserved definitions of the *Ilāhi gaz*. It was somewhat of a cardinal point with comparative strangers, who had to assimilate their feelings to local prejudices, to prove themselves in advance of the crude knowledge which insisted upon the supremacy of provincial standards; and so it came about that all sorts of positive data were put under contribution to establish the infinitesimal *unit* from which the more ample and enlarged land measures of Akbar's empire were avowedly derived. Hence investigations were instituted under many varied aspects—open tradition, extant buildings of historically defined measurement, barley corns of primeval repute, home and foreign men's forearms and fingers' breadths, square Akbari rupees, and very modern round "Mansûri" *paisa*, were pressed into the service. But, perhaps, the best and closest estimate was furnished by the crucial test of the "average of copper wires returned by the Tahsildárs of Muzdâbâd as the counterparts of the actual measures from which their *bighás* (*quasi-acres*) were formed," amounting to an average of 33·50 inches per *gaz*, on the rough calculation of three-fourths of an inch for each finger breadth ¹

In the end, for all practical purposes of modern measurements, the Government of the day (1825-6) adopted, as a convenient solution, an arbitrary value for the *Ilāhi gaz* of 33 English inches.

¹ Prinsep's *Essays*, vol. II, Useful Tables, p. 123, Jour. As. Soc. Bengal, II, p. 88, and Mr. Cracroft's paper, vol. III, 360, Elliot's Glossary, "Kos and Jauh," II pp. 180, 194

THIRTY-FOURTH KING (A.H. 923-937; A.D. 1517-1530).

Ibráhím succeeded his father Sikandar, from the very commencement of his reign his arrogance disgusted the nobles of his own tribe of Lódi, who speedily sought to reduce his power by placing his brother, Jalál, on the throne of the kingdom of Jaunpúr. Having compassed this purpose, however, some doubt arose as to the wisdom of their own act, and hence an attempt was made to weaken Jalál by the withdrawal of several Amírs who had joined his standard. Jalál, detecting this design, determined upon active measures to secure himself; he therefore collected his forces and advanced to Kálpi, assuming the style of Sultán, with the title of Jalál-ud-dín. He next entered into negotiations with 'Azim Humáyún, who held Kálinjar for Ibráhím, and at length induced him to desert the cause of the Emperor. 'Azim Humáyún failed at the time of need, and Jalál was reduced to a position of much difficulty, from which, however, he had a favourable opportunity of extricating himself, by the success of a sudden march upon Agrab, which he found almost undefended; but, from some strange infatuation, he allowed himself to be deluded into treating with the governor of the city, and on the advance of Ibráhím he was compelled to flee to Gwálíor, where he received a temporary shelter: he was, ultimately, after various adventures and escapes, captured and put to death.

The alarm excited by the unrestrained cruelties dictated by the distrustful disposition of the Sultán, led to numerous other revolts: among the rest, Daria Khán, viceroy of Bihár, openly disclaimed allegiance; and his son, Muhammad, who

shortly succeeded him, even caused the Khutbah to be read, and coin to be struck, in his own name.¹ Daulat Lódi, the governor of some of the dependencies of the Punjab, also rebelled, and solicited the protection of Bábar, who had already, in 930 A.H., obtained possession of Láhor. Subsequently, an expedition was organized against the ruler of Dehli under his own uncle, 'Alá-ud-dín; but in the engagement which ensued, the contingent of the Mughals was defeated with great slaughter. This was followed by the advance of Bábar in person; and on the 7th of Rajab, 932 A.H., on the celebrated battle-field of Pampūt, Ibráhím, after an individually well-contested though ill-directed action, lost his kingdom and his life.

No. 318. Copper. Weight, 83 grs. Rare

في زمن	المستركل علي
امير المؤمنين	الرحمن ابراهيم شاه
خلدت خلافته	سكندر شاه
	سلطان

No. 319 Copper Weight, 87 grs. Rare

Obverse—ابراهيم شاه سلطان

Reverse—امير المؤمنين خلدت خلافته

No 320. Copper. Weight, 42 grs. Rare. A.H. 926, 927.

Obverse—ابراهيم شاه سكندر *

Reverse—امير المؤمنين خلدت خلافته ٩٣٦

¹ Gladwin's *Ayn-i Akbari*.

No. 321. Copper. Weight, 110 grs. Col. Guthrie.



ابراهيم شاه لودي
بن سكر



السلطان
بن
السلطان

The issue of this coin, which follows the Málwah *square* type of money, is supposed to commemorate the fraudulent acquisition of Chandéri by Ibráhím, who, taking advantage of the death of Muhammad Sháh (the rebel opponent of his regnant brother, Mahmúd of Málwah), obtained possession of the person of his heir, and placed a dependent of his own in charge of the country, from whence it passed in later days, by Ráua Sanga's gift, to Madáni Ráo.

Búbak of Jaunpúr.

No 322 Silver and Copper Weight, 120 grs Rare.

А.Н. 892, 891.



نائب
امير المؤمنين
بشهر حوبور
۸۹۲



Centre
باركشاه
سلطان
Margin illegible.

THE MUGHAL (CHAGHATAI) CONQUEST.

The narrative of Bábar's persevering efforts towards the conquest of India, and the eventful career of his son Humáyún, are, perhaps, more pertinent to general history than germane to the limited notices of the local succession of the Pathán dynasty of Hindústán, with which we are immediately concerned. It may, therefore, be sufficient to indicate more concisely than usual the dates of the prominent occurrences in the Indian reigns of the two monarchs, under the tabular form already adopted, where it was felt desirable to economize space in these pages.

BÁBAR IN INDIA

^{A.H.} 932 ^{A.D.} 1526 (9th Rajab.) Defeat and death of Ibráhím Lódi, at Pampūt

(12th Rajab) Bábar enters Dehli, on the Friday following he has public prayers pronounced in his name as Emperor; and with proper Mughal craving for plunder, has seals put upon the treasures of the old metropolis,¹ while he hastens on to Agra to secure the accumulated wealth of the house of Lódi.²

Capture of Jaunpúr by Humáyún.

Surrender of Bána, Gwálor, and Multán

¹ In a similar spirit, Humáyún broke these seals on his "way home in 1527, and appropriated his father's money."—Bábar's Memoirs, pp 368, 371, Erskine's History, i p 476

² Bábar himself, in his Memoirs, has left upon record a concise epitome of the distribution of power in India at the moment of his conquest in A.D. 1526. "At the period when I conquered the country, five Musulmán kings and two pagans exercised royal authority . . . One of these powers was the Afgháns, whose government included the capital, and extended from Behah to Bihár Jaunpúr, before it fell into the power of the Afghans, was held by Husain Sháh Shaikí . . . The second prince was Sultán Muhammad Muzaffar, in Gujarát, he had departed thus life a few days before Sultán Ibráhím Lódi's defeat . . . The

A. H.	A. D.	
933	1527	Defeat of Rána Sanga at Kanwah, Bábar assumes the title of <i>Ghazi</i> on this occasion.
934	1528	Capture of Chandéu (Madhu Rao's stronghold). (29th Jumáda'l ákhir) Occupation of Lucknow (5th Muharram, 935) Occupation of Rantambhór
935	1529	(Sh'abán) Bihár subdued and entrusted to Muhammad Zamán Míza. (27th Sh'abán) Final defeat of the troops of the Afghán coalition. Treaty with Nusrat Sháh of Bengal
937	1530	(5th Jumáda'l ákhir) Bábar's death at Agra ¹

HUMANITY IN INDIA.

937	1530	(9th Jumáda'l áwwal) Accession Division of governments—1. <i>Kámrán</i> , ² Kabul and Kandahár; 2. <i>Askari Afir-á</i> , Sambhal, 3. <i>Índul Míza</i> , Alwar (Méwat), 4. <i>Sulawán Míza</i> , Badakhshán Kámran takes Láhór and occupies the Punjab.
-----	------	--

thud kingdom is that of the Bahmans, in the Dakhan, but at the present time the Sultáns of the Dakhan have no authority or power left. The fourth king was Sultán Mahmúd, who reigned in the country of Malwah, which they likewise call Mádu. This dynasty was called the Khilji. Rána Sanga, a pagan, had defeated them, and occupied numbers of their provinces. The fifth prince was Nusrat Shán, in the kingdom of Bengal. . . . The most powerful of the pagan princes, in point of territory and army, is the Rája of Bijnagar. Another is Rána Sanga, who has attained his present high eminence, only in these later times, by his own valour and his sword. His original principality was Chitor." — Erskine's Memoirs of Bábar, p. 311

¹ His dominions at the period of his decease "stretched from the river Amu to Bihár," etc.—Erskine's History, i. p. 526

² Kámran's coins are extant. The following is a description of a specimen in the East India Company's collection, struck at Kábul in A.H. 947.—

Silver Weight, 71 grs.

Obverse—Aica (diamond shaped) محمد كامران بادشاه عاری

Margin, الملك السلطان الاعظم الساجان خلد الله تعالى ملكه

وسلطانه ضرب كابل سنة ٩٤٧

Reverse—Circular area, the *Kalimah*

Margin, ابا بكر الصديق عمر الفاروق عثمان علي الميرضي

A. H.	A. D.	
937	1530	Humáyún defeats the combined army under Mahmúd Lódi at Doura, and gets possession of Jaunpúr.
938	1532	Advances against Shír Khán at Chunar, but is obliged to return to meet the threatened hostility of Bahádur Sháh of Gujarát. Campaigns in Málwah, Gujarát, etc
942	1535	Capture of the Fort of Champánír
946	1539	(9th Safar) Shír Sháh's perfidy at Chonsa (Chúpar Gbát); ruin of Humáyún's army, and his retreat to Agriah
947	1540	Final defeat of Humáyún by Shír Sháh, near Kanauj, and flight of the former.

BÁBAR

No. 323 (pl. v fig 172). Silver. Weight, 71·5 grs. Very rare

Obverse—Centre, محمد بابر بادشاه

Margin (worn) * السلطان الاعظم

Reverse—Centre, لا اله الا الله محمد رسول الله

Margin, على المرتضى * * *

No. 324 (pl. v fig 173) A silver coin of Bábar (East India Cabinet), somewhat similar to the above, has the word عارى at the end of the inscription on the obverse area, in addition to the legend detailed under No. 323, marking, in this addition, his very hazardous encounter with Rána Sangá in A. H. 933. Another specimen gives the full date of A. H. 936.

On the obverse margin is to be seen—الاعظم خافان

Reverse—Area as in the last coin.

Margin, العون على المرتضى *

These silver coins correspond to the class of money designated by Abúl Fazl under the generic term of *Bábaris*, which he states weighed *one misqál* each, and to have

been rated in exchange at $2\frac{1}{2}$ per rupee.¹ The constantly quoted *Sháh Rukhs* of contemporary authors constituted an identical currency, as this piece is also defined as the equivalent of 16 *dáms*,² which gives the like return of $2\frac{1}{2}$ per rupee, in effect, Bábar's northern money appears to have been a mere continuation of the earlier issues of Sháh Rukh, the Mughal Sultán of Persia (A.H. 807-850), whose coinage was so largely spread over all Asia.³

HUMAYÚN

No. 325 Gold Irregular weights, 8, 10, and 13 grs. Rate.

Obverse—لا اله الا الله محمد رسول الله

Reverse—محمد همايون بادشاه غازی خلد الله تعالى ملكه

No 326 (pl. v. fig. 175). Silver. Weight, 71 grs 1 H 914

Very rare.

Obverse—Centre, محمد همايون غازی

الملك الامير السلطان الاعظم الجاهان خلد الله

تعالى ملكه و سلطانه ضرب اكره سنة ٩١٤

The King, the Amír, the most mighty Sultán, the Khákán.

May Almighty God prolong his dominion and sovereignty!

Struck at Aghah, (in the) year 944.

Reverse—Centre,

لا اله الا الله محمد رسول الله يرزى من يشاء بغير حساب

There is no god but God; Muhammad is the apostle of God.

God is bountiful unto whom He pleaseth, without measure ⁴

¹ *Miskat* = 40 *ratís*. See pp 222, 223, *ante*, *Ain-i Akbari*, Gladwin, II p 198.

² *Ain-i Akbari*, II 209 "8 *laks* of *Shahrukhs* = 3,20,000 rupees, or 1 *laker* and 28 *laks* of *dáms*"—Eisikov's *Bábar*, etc., I. p 544

³ Fiehn, *Recessio Numorum Muhammadanorum*, pp. 430, 496.

⁴ *Kurán*, *Súrah* II 208.

Margin, صدق ابابكر عدل عمر بجمای عثمان بعلم علي,
 رضى الله عنه

By the truth of Abábakr, by the justice of 'Umai, by the modesty of 'Usmán, by the wisdom of 'Alí, may God reward him.

No. 327 (pl v fig 176). Silver. Weight, 71 grains. Struck at Agiah, 945 A.H. A variety, with a nearly square area, has the date 952 A.H.; the name of the place of mintage is obliterated

No. 328 (pl v fig. 176a). A coin of the same type, which is unfortunately wanting in both date and place of mintage, has the countermark or Hall stamp of Kámrán, attesting the current value of the piece. Of this impress the following words are still legible: عدل كامران بادشاه غـ

Another silver coin of Humáyún (weight, 71 grains) has the محمد همايون غازی only, in an oblong area. The reverse area being circular, as in the specimen engraved, the legend itself is confined to the usual short symbol. The margins are much worn, but apparently vary slightly in their legends from those of the above coins. There are traces of the figures 937.

I have inserted the subjoined coins of Akbar in this place, irrespective of their order of date, with a view to keep together the various specimens of this foreign type of money, the issue of which seems to have been persevered in amid the migratory Mughal camps and temporarily occupied cities of India.

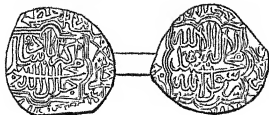
AKBAR.

No 329. Gold. Weight, 18 grs A.H 969. Col. Guthrie

Obverse—جلال الدين محمد اكبر بادشاه غازی ۹۶۹

Reverse—The *Kalimah*

No. 330. Silver. Weight, 60 grs. A.H. 963. Col. Guthrie.



٩٦٣

أكبر بادشاه

محمد

جلال الدين

Margin— * سلطان الاعظم *

* * تعالى

لا اله الا الله

محمد

رسول الله

Margin illegible.

ANONYMOUS COINS.

I have considered it preferable to class the anonymous coins hereunto appended, under a separate head, as although their dates would in general indicate the Sovereign during whose reign they were struck, still the absence of any name upon the individual piece might leave a possible doubt as to the true presiding authority of the moment, especially in money coming to us from such disturbed times as witnessed the issue of many of these *fulûs*, and as exactitude is a high conceit among Numismatists, I would not knowingly so offend against the prejudices of caste as to claim reliance upon aught that was susceptible of critical question. These coins of unavowed kingship are therefore

grouped in a series apart, an arrangement which has the advantage of bringing them all under one compact view, and developing in continuity, the special merit they possess, strangely enough in greater perfection than more imposing medals, viz., of assisting in the elucidation of the contemporaneous geographical status, and of indicating in the fact the relative importance, of the leading cities of the epoch.

These coins seem to date their origin from Bábar's conquest, and we recognize in the earlier specimens both the hand and the art of workmen other than indigenous. The practice of striking coin in subordinate cities also appears to have been an innovation introduced by the Mughals, who drew a wise distinction between the importance of the lower currency of copper and money fabricated from the more costly gold or silver. The absence of the Sultán's name likewise indicates a departure from Indian practice, under which we have uniformly seen the designation of the supreme authority impressed upon the copper money equally with the coins of higher value.

Bábar's introduction of so much of the leading ideals of his Bokhárá¹ money into Hindústán was destined to be attended with more permanence in the coins of the poor, whose standard he adopted, than in that of his more elaborately executed *dirhams* and *ashrafs*, in which he outraged local associations.

The average weight of the pieces of this class is very uniform at something over 140 grains, a total we have frequently met with in the earlier coins of the Pathán issues, 80 of which went to the old *tankah*, 4 to the modified *Sikandari*, and 32 to the foreign *Bábari* and *Sháh Rukhi*.

¹ Fraehn's Recensio, p. 432, etc., M. Soret, Lettre sur la Numismatique, June, 1843, p. 28.

Their relative value in exchange against silver may have varied from time to time; but the fact of Akbar's accepting copper as his universal standard shows that he felt that all important fluctuations, as might have been predicted, virtually took place in the more readily affected ratios of the precious metals.

No. 331. Copper. Weight, 142 grs. Agra, A. H. 936. *Unique.*

Obverse—Circular area, within a margin of fine lines and dots run into a scroll pattern.

Legend—ضرب اگرہ

Reverse—Oblong area (*Mikrabi*), with ornamental flowered scroll margin.

Legend—فی تاریخ سنہ ۹۳۶

No. 332 Copper Weight, 135 grs Mint, Fort of Agra,
A. H. 936.

Obverse—دارالضرب قلع اگرہ

Reverse as above.

No. 333 Copper. Weight, 142 grs. Agra, Seat of the Khilâfat,
A. H. 937, 938, 939, 490, 941, 942, 943.

Obverse—Plain surface, with the Legend—صرب بدارالخلافة اگرہ

Reverse—Simple marginal lines encircle the field; the inner portions above and below the legend are filled in with scroll-work.

Legend—فی تاریخ سنہ ۹۳۷

No. 334 Copper. Weight, 141 grs. Agra, Seat of Justice,
A. H. 943

Obverse—ضرب بدارالعدل اگرہ

Reverse as above.

- No. 335 Copper. Weight, 141 grs Lāhor, Seat of the Khilāfat,
A H 938, 939, 940.

Obverse—صرب دارالخلافة لاهور

Reverse—في تاريخ سنة ٩٣٨

- No 336 Copper. Weight, 141 grs. Dehli, Seat of Govern-
ment, A H. 940, 9 41, 942, 943.

Obverse—صرب دارالملكت دهلي

Reverse as usual.

- No. 336a. Copper Weight, 139 grs Capital, Dehli, Seat of
Government, A.H 943 Unique. My cabinet

Obverse—صرب دارالملكت حصره دهلي

Reverse as usual.

- No 337. Copper Weight, 143 grs. Mandū, A H 941, 942
Humāyūn in possession ? (See Table, p. 380.) Rare

Obverse—صرب مسندو

Reverse as usual.

- No 338 Copper Weight, 140 grs Mint, Fort of Alwar,
A H 936

Obverse—دار الضرب فلح الور

- No. 339. Copper. Weight, 140 grs. District, Jaunpūr,
A H 940, 941.

Obverse—خطه جوپور

Reverse as usual

BÁBAR'S INDIAN REVENUE.

One of the most interesting documents relating to the fiscal history of India has been discovered and preserved by Mr. Erskine in the unique detail given by Bábar himself of the revenues of his newly-acquired kingdom.¹

Mr. Erskine felt some difficulty in satisfying himself as to what this nominal total of fifty-two *krors*, summarized by Bábar, might chance to represent in English money, and he was constrained to leave it an open question between no less than five several amounts, ranging from £1,300,000 to £52,000,000.² There can be little hesitation—now that we have discovered the true value of the Sikandari *tankah* and its direct association with the double *dam*s of Akbar—in adopting that standard and almost exclusively current piece as the real measure of value in this and in all similar instances, where the *tankah* is not qualified by some descriptive term. In the present table, the introduction of the specification of *silver tankahs* and *black tankahs*, in the Tírhuť return, implies, *prima facie*, that the general total

¹ This return was wanting in all the MSS. previously accessible.

² "The amount of this revenue of 52 *krors*, if considered as represented in single *dam*s, according to the mode of computation in Akbar's reign, would be £1,300,000, if in double *dam*s, according to the calculation of Ferishtah, £2,600,000, if we adopted the mode of reckoning suggested by the facts stated by Mirza Haidar, it would be £4,212,000, while, if we take the *tankah* at 72*d.*, which is somewhat below the lowest rate it reached in the reign of Sultán Muhammad bin Tughlak [see correction, p. 229 *ante*], the amount would be £16,250,000, but if at its full and proper value of a *rupee*, £52,000,000. Everything considered, I should consider £4,212,000 as the amount of Bábar's nominal revenue, a very large sum when the working of the American mines had not yet produced its full effect. It is not easy to find any unobjectionable point of comparison. The statements of Akbar's revenue given in the translation of the *Áin-i Akbari* have not been generalized, and are far from being always distinct."—Erskine, i. p. 342.

was based upon some coin which would not directly come under either category; the Sikandari *tankah*, however designedly lowered in value, had an equal claim to the generic name with its predecessors of higher metallic mark. As has been already explained (pp. 336, 369, 384), these Sikandaris represented, irregularly perhaps in individual pieces, but satisfactorily in large amounts, a value of $\frac{1}{10}$ of the old *silver tankah*. Under this test, Bábar's given total corresponds to a sum of 2,60,00,000 *silver tankahs*, or £2,600,000.¹ Akbar's revenues are not quite so uncertain or indeterminate as Mr. Erskine was inclined to suppose. We have definitions of their amount from two different sources. Nizám-ud-dín Ahmad's return, which refers to A.H. 1002 (A.D. 1593), is quite explicit, and places them at 640,00,00,000, "six hundred and forty *krors*² of *tankah murdahi*." Taking these as Sikandari *tankahs*, we obtain a sum of 32,00,00,000 (640,00,00,000—20) *silver tankahs* (roughly modern *rupees*), or the equivalent of £32,000,000.

Abúl Fazl's revenue estimate for the fortieth year of the reign, or A.H. 1003 (A.D. 1594), is far more obscure. It is epitomized in the introduction to his twelve *Sibahs*, or divisions of India, as 3,62,97,55,246 *dáms*,³ but this aggregate

¹ Bábar confesses that he added, at one time, 30 per cent to the ordinary taxes to meet the enhanced expenditure upon his army of occupation. This does not appear to have been included in the above summary—Bábar's Memoirs, p. 387, Erskine, i. p. 488.

² Whatever complications may exist about *dáms* in the *Áin-i Akbari*, the text of Nizám-ud-dín Ahmad (a paymaster), is clear and definite as to ششصد و چهل "640 *krors*." See also Elliot's Index, p. 204.

³ The printed Persian text, even with all the advantages of Dr Blochmann's choice series of MSS, only confirms Gladwin's original rendering (ii. p. 1). The passage runs—سه ارب و شصت و دو كرور و نود و هفت لک و پچاه و پنج هزار و دویس و چهل و شش دام سه = 3. There is a possibility that the سه = 3

does not correspond with the grand total to be obtained from the more comprehensive provincial tables in his own work, nor do those tables themselves always coincide with the preliminary summary prefixed to the returns of each fiscal division; indeed, there is internal evidence that the detailed statistics were corrected-up, independently, from later documents, when Akbar's dominions had extended their boundaries; but as regards the figures above quoted, there must clearly be an error either of calculation or of transcription. the given sum reckoned in single *dáms* gives the absurdly small amount of 9,07,13,881 rupees, or £9,074,388. Understood as double *dáms*, or Sikandarís of identical value, the total would still only reach 18,14,87,762 rupees, or £18,148,776, or little more than half the sum the more authoritative assertion of Nizám-ud-dín places it at. It is possible that a more close examination of the fiscal returns of Akbar's reign may throw light upon this unaccountable divergency; but for the present I am content to adhere implicitly to Nizám-ud-dín's figures, and to suspect that Abúl Fazl's sum indicated origi-

may be intended for سی = 30, a very frequent error (ordinarily guarded against by the insertion of the figure ۳ over the سه, thus سه^۳), which would produce at 40 *dáms* the large but not impossible sum of 76,57,43,881 rupees, or £76,574,388. But the rectification that most commends itself to me, as an occasional reconstructor of Persian texts, does even more violence to the extant version, inasmuch as I should go so far as to suggest a substitution of the more divergent word شش or six, for the opening *written* word, سه or three, which now appears in the MSS. and their printed reproductions. This would establish a very near approach to the result of Nizám-ud-dín Ahmad's return, and one fully within the range of identities and probabilities. Under this scheme, the long array of figures would present themselves as 6,62,97,55,246, which, divided by 20 (the ruling number in the parallel case), would produce a sum of 33,14,87,772 *silver tankahs*. or a very close approximation to the 32,00,00,000 obtained from our leading authority, Nizám-ud-dín, which is fixed at the latter amount, though specified in different terms, and ruled by an independent scheme of exchange.

nally a very moderate increment upon the ordinary revenue of the preceding year. Though, of course, if the leading total was altered under later authorities to meet the ever varying annual income, the irreconcilable figures themselves become comparatively unimportant.

Mr. Erskine quotes another very curious table of the revenues of India under Aurangzéb (A.D. 1068-1118, A.D. 1651-1707),¹ which produces a grand total of 38,71,94,000 rupees, or £38,719,400, at which period the provinces entered in Bábar's schedule had risen to an improved revenue return of 7,81,46,550 rupees, or £7,814,655.

THE REVENUES OF BÁBAR'S INDIAN DOMINIONS

	TANKAS
1. The Sukár west of the Satlege, Dhira, Láhor, Sháikót, Dabálpúr, etc	36,815,989
2 Sindh and its dependencies	12,931,985
3. Ilisár Firúzah	18,075,104
4 <i>Dár ul Mull</i> , Dehli, in the Doáb	36,950,254
5. Méwát (not included in Sikandar's Revenue roll)	16,981,000
6 Biana... ..	14,414,930
7 Agrah	2,976,919
8 Mián-i Viláat	29,119,000
9. Gwálor	22,357,450
10 Kálpi, etc	42,855,950
11 Kanauj	13,063,358
12 Sambal	13,844,000
13 Lakhnau, etc.	13,982,433

¹ This is taken from Cation's *Histoire de l'Empire Mogol*, Paris, 4to, 1715, p. 261. The information is supposed to be derived from the papers of Manucci, the Venetian traveller. Cation adds to his other remarks, that "other taxes and duties equal or exceed the land revenue." Bernier also gives an imperfect return of the revenues of twenty divisions, in Aurangzéb's reign, amounting to 22,58,78,000 rupees (ii p. 354.)

	TANKAHS.	
14. Khairábád... ..	1,265,000	
15. Oude and Bahráich	11,721,369	
16. Jaunpúr	40,088,333	
17. Karra and Mánikpúr	16,327,280	
18. Bihár... ..	40,560,000	
19. Suwár	15,517,506½	
20. Sáian	11,018,679	
21. Chumpáiam	19,086,609	
22. Gondlah	1,330,300	
23. Tihút. Tribute (Khidmatána) of the Tihút Rája 250,000 ¹ Silver Tankahs, and 2,750,000 ² Black Tankahs... ..		
24. Rantambhór	2,000,009	
25. Nagór	13,000,000	
26. Rája Bikramájit from Ran- tambhór		
27. Rája of Kálinjar		
28. Rája Birsing-deo		
29. Rája Bikram-deo		
30. Rája Bikram Chand		
	<hr/>	
	413,783,457½	^{Silver} Tankahs =2,21,89,172
Add Tihút estimate, [250,000 Tankahs, and 2,750,000, at 10 per Tankah, or 275,000] ...	525,000	525,000
	<hr/>	<hr/>
		2,27,14,172

[Or at $\frac{1}{2}$ of a Tankah, at the exchange of 2s. per Tankah,
£2,271,417, exclusive of the tribute from the five Rájas, the
totals of which are left blank]

¹ *Tankah-nukrah*, "silver Tankahs," or full money

² *Tankah síah*, "black Tankahs," at 2½d. See p. 230 *antè*.

THIRTY-SIXTH KING (A.H. 947-952; A.D. 1540-1545).

The history of Shīr Shāh has yet to be written, and it is to be feared that those who undertake the task will find much difficulty, at this late period, in doing justice to his masterly administrative abilities, or in restoring to him that meed of honour for his systemization of the revenue and fiscal departments of Indian policy which Akbar's eulogists have appropriated to their own master¹. His chequered career, his rise from a comparatively humble sphere, and his success so often due to his individual efforts, are soiled by the frequent association of the Afghān national vices of duplicity, treachery, and unscrupulous breaches of faith. The introductory annals of this reign embrace so many minor incidents, that, following earlier precedents, I have reduced the details into the more compact form of a tabular outline, instead of attempting to generalize the narrative of the consecutive events.

¹ "It is impossible to conclude the history of such a prince without regretting that so few materials remain for affording a view of the internal administration of his dominions. Many of his revenue regulations were retained or renewed by Akbar, and seem to have made a part of Todar-Mal's improved system of finance. But Shīr Shāh was soon succeeded on the throne by a hostile family, whose partisans were not disposed to see any merit in the virtues of an enemy."—Erschke's *Bāhar*, ii. 446. See also Elphinstone, pp. 457, 541.

Sir Henry Elliot was likewise strongly impressed with the value of Shīr Shāh's reforms, regarding which we were quite in accord, and I have reason to believe he will be found to have collected much information on the subject during his patient investigations into this interesting portion of the history of India. These details will probably appear in the fourth volume of the *Historians of India*, now in course of publication under Professor Dowson's editorship.

OUTLINE OF SHÍR SHÁH'S CAREER

- | A. H. | A. D. | |
|-------|-------|--|
| 934 | 1528 | Shír Khán <i>Jághirdár</i> of Sahsarám (in Sháhábád) is presented to Bábar, and accompanies him in the expedition against Chaudéri. Becomes prime minister to Jalál-ud-dín <i>Loháni</i> , king of Bihár, who eventually, in fear of his own <i>razár</i> , takes refuge with Nusrat Shah of Bengal. Shír Khán defeats Ibráhím Khán, the general of Nusrat Sháh. Jalál-ud-dín escapes from the field. |
| 935 | 1529 | Shír Khán submits to Sultán Mahmúd <i>Lódi</i> , who is proclaimed king of Bihár, but who, shortly afterwards, has to retire before the army of Bábar, into Bengal. Shír Khán is meanwhile left in possession of his own <i>Jághir</i> s. |
| 937 | | Shír Khán obtains possession of the Fort of Chunár. |
| 938 | | Humáyún makes terms with Shír Khán. |
| 942 | | Shír Khán defeats Ulugh Mírzá, plunders Benares, reduces Patna, and in 943 pushes his forces into Bengal and besieges Gour. Chunár surrenders to Humáyún, Gour capitulates to Shír Khán; Syud Mahmúd Sháh seeks refuge with Humáyún. |
| 945 | | Temporary check to Humáyún's advance at Teriagahí. Shír Khán acquires the Fort of Rhotas (lat. 24° 38', long. 82° 25') by treachery. Gour occupied by Humáyún. Shír Khán, already in possession of the passes, takes Benares, proceeds against Jaunpúr, and thus isolates Humáyún in Bengal. Hundal Mírza revolts and proclaims himself <i>Sultán</i> at Agrah. Shír Khán assumes the title of <i>Sháh</i> , or king of Bihár. |
| 946 | 1539 | Shír Sháh circumvents Humáyún at Chonsa (Chúpar Ghát) on the Ganges, and after terms of peace had been settled, with true Afghan perfidy, he arranges a night attack upon Humáyún's camp, and totally destroys his army, the Sultán himself escaping with the greatest difficulty. Shír Sháh improves his advantage, renews the siege of Jaunpúr, and occupies Kanauj. |

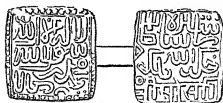
A.H.	A.D.	
947	1540	Total defeat of Humáyún at Kanauj. Shír Sháh occupies Agrah and Dehlí, and subsequently the Panjáb. Humáyún retreats to Bhakkar. Shír Sháh's expedition against the Ghakars in the Panjáb: he erects the <i>new</i> Fort of Rhotas (lat. 33°, long 73° 20')
949	1512	Reduces Málwah, Rantambhór surrenders, Multán annexed.
950	1513	Occupation of Ráisen, and treacherous destruction of the garrison after surrender
951	1514	Invasion of Mārwar; engagement with Maldeo; submission of Chítór.
952	1545	Siege of Kálmjar, and death of Shír Sháh in the trenches (12th Rabí'ul awwal). ¹

No 340 Gold Weight, 167 grs. Unique.

Obverse—السلطان العادل لا اله الا الله محمد رسول الله

Reverse—شیر شاه السلطان خلد الله ملكه ۹۱۷ سا سر سही

No. 341. Gold Square piece. Weight, 168·5 grs. Kálpí. Square areas, with dotted margins. Two specimens. Col Guthrie



لا اله الا الله

محمد رسول الله

ضرب كالسپی

شیر شاه

سلطان

خلد الله ملكه

श्री मेर सही

¹ Shír Sháh's Mausoleum at Sahsaram, an edifice of note, is described as being

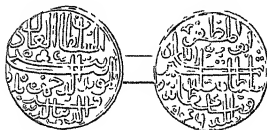
The reading of the place of mintage is uncertain, the letters كالا alone being fairly legible, so that the city the die was designed to indicate may possibly have been *Kāhānā*.

No 342. Gold Weight, 166.4 grs Round coin

Square area	Square area.
لا اله الا الله	سر ساد
محمد رسول الله	سلطان
	خلد الله ملكه

Margins illegible.

No. 343. Silver. Weight, 163 grs. Unique¹ Col (Guthrie).



السلطان العادل المويّد بتأييد الرحمن فريد الدسا والدين

ابو المظفر سمر شاه سلطان خلد الله ملكه و سلطاناه ٩١٦

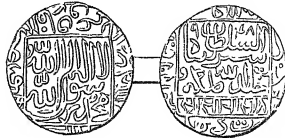
Shīr Sháh's defeat of Humáyún, at Chonsa, dates 9th Safar, 946 A H (June, 1539 A.D.).²

"built in the middle of a great reservoir of water The monument rises from the centre of the tank, which is about a mile in circumference, and bounded on each side by masonry, the descent to the water being by a flight of steps, now in ruins The dome and the rest of the building is of a fine grey stone"—Hamilton's *Hindustán*, i. p. 281.

¹ See J R A.S., N.S, vol ii. p. 222

² Erskine, ii. p. 173, Stewart's Bengal, p. 142

No. 344. Silver. Weight, 171 grs. Unique. Struck at the capital, Dehli, A.H. 948.



لا اله الا الله	٩٤٨ السلطان
محمد رسول الله	شمس شاد
ابا بكر الصديق—Margin	خلد الله ملكه
عمر الفاروق عثمان الغفان	سرى سىرى ساه
على المرتضى	ابو المظفر فريد الدين—Margin
	والدين ضرب بحضرت دهلي

No. 345. Silver Weight, 168 5 grs (oxydized) Aghra, A.H. 948

Square areas

لا اله الا الله	شبر شاه سلطان
محمد رسول الله	خلد الله ملكه
Margin—The usual legend, comprising the names of the four associates, with their honorific titles.	فريد الدين والدين—Margin
	ابو المظفر ضرب اكره ٩٤٨
	سرى سىرى ساه

No. 346 Silver. Weight, 176 grs. Shīrgarh, (9)49 A.H.¹

(Prinsep collection.²)

Obverse—Square area, لا اله الا الله محمد رسول الله

Margin—³انا بكر الصديق عمر الفاروق عثمان دى المورين

على المرنسى

Reverse—Square area, شمر شاه سلطان خلد الله ملكه

Margin—श्री सर साही *Srī Ser Sāhī*.

فرید الدنا و الدین ابو المظفر ضرب شبرکده ۹۴۹

No. 347. Silver Weight, 176 grs. Coins similar in legends to

No. 346 Struck at Gwālor, A.H. 951, 952.

The Hindī legend varies slightly in the orthography, and usually runs श्री सर साह.

¹ Shīrgarh, i.e. *Rhotas*, the fortress situated on the table land, five miles by four, on the left of the Són (lat. 24° 38', long. 84°), taken by stratagem from the Hindī Rāja by Shīr Shāh (p. 393 *antè*), and converted into a refuge and place of safety for his family and treasures during his wars with Humāyūn—*A'in-i Akhbar*, ii 32 See also Briggs's *Ferishtah*, ii 114; Tioffenthaler, i. 309, Buchanan, i. 434, Hamilton's *Hindūstān*, i. 281, Easkine's *Bābar and Humāyūn*, ii 147, Thornton's *Gazetteer*, *sub voce*

² The silver coin of a similar type to the above, described by Marsden under No. DCCXXIX, as dated 945, is not so defined in the only specimen of the kind in his cabinet in the British Museum. Marsden was unable to detect the Hindī inscription on the margin of the reverse of this medal, which, with the aid of a better specimen, such as the specimen now described, is clearly recognizable.

Marsden's No. DCCXXXVII is seen from the original coin to have been struck at گوالبر *Gwalior*, and not at "Korah"

³ دى المورين "Possessor of two lights," in reference to his marriage with two daughters of the Prophet.

No 348 (pl v fig 179) Silver Weight, 176 grs. (Also Marsden, *nocexxxiii.*) No mint specified. A.H. 948, 949, 950

Circular areas.

لا اله الا الله	نسر ساء سلطان
محمد رسول الله	خاد الله ملكه
	و سلطاناه
Margin—السلطان العادل	Margin—ورد الدين
ابابكر عمر عثمان علي	۹۵۰ श्री सेर साही मफर

Some of these coins, in addition to the exclusively Muslim devices, such as the Seal of Solomon, etc, have clearly defined outlines of Hindú *Swastikas* at the divisional gaps of the marginal legends, which may possibly connect them with the Málwā expedition of Shīr Shāh.

No. 348* The curious coin here engraved is inserted less on account of its historic importance than for the exemplification of the artistic model upon which some of the best specimens of the flowing style of Akbar's early mintages were based



No. 349 Variety of No 348 Weight, 175 4 grains. Struck at Shahrīfābād, A.H. 949

The name of شرف آباد takes the place of the ordinary سلطاناه on the obverse area. A second coin from the same mint, in the British Museum, is dated in 951 A.H.

The Aín-i Akbari notices Sharifábád as a Sirkár of Bengal, containing 26 Maháls, with an assessment of 2,21,88,750 *dáms* = 5,62,213 rupees. The leading township in the list of Maháls is Burdwán (lat 23° 12', long 87° 56'; 75 miles N.W. of Calcutta).—Gladwin, ii p. 13, and iii. p. 14

No 319a. The greater number of this class of coins are absolutely deficient in any record of the place of mintage. This may be due to a variety of causes—simple want of space in the general die arrangement of the legends, advised omissions of the names of localities of the case of money struck in movable camps, or the supposition of a more subtle motive, attributable to an intentional contrast between the *quasi*-home of Sháh Khán at Sharifábád and his triumphant occupancy of جهانپناه *Jáhanpanáh*, “the asylum of the world,” or DELHI in its full significance,¹ on the immediate expulsion of his Mughal adversaries

No. 350. Silver Weight, 169 grs Unique. (My cabinet.)

Chunár, A II. 919

Circular areas.

لا اله الا الله	شهر شاه السلطان
محمد رسول الله	خلد الله ملكه
	وسلطانه
ابوبكر الصديق—Margin	فريد الدنا والدين—Margin
عمر الخطاب عثمان الفاروق	ابو المظفر ضرب جنار ٩١٩
على المرتضى السلطان العادل	سرى سر ساهى

¹ There need be no reserve in admitting that the جهانپناه which occurs at the conclusion of the Sultán's titles (after the ابو المظفر) in exceptional cases, has hitherto been read as part and parcel of the honorific designations of the monarch himself, instead of, what parallel examples now sufficiently prove it to be, the abrupt and irregular insertion of the name of the mint.

Shī Khān seems to have acquired the important Fort of Chunār as early as 937 A.H. It originally passed into his hands on his marriage with Lāl Malek, the widow of Tāj Khān Sārangkhāni, who held the stronghold for Sultān Ibrāhīm Lōdī, and subsequently for the Emperor Bābar.¹ On Sultān Mahmūd Lōdī's defeat by Humāyūn, in 937 A.H., Shīr Khān, after basely deserting the former, temporized with the latter, and succeeded in retaining possession until 938 A.H., when Humāyūn conceded to him the title to Chunār and his other fiefs.

No. 351. Silver. Weight, 175.2 grs (Marsden, docxxx.)

Mints generally unrecorded; but two specimens in the British Museum have the name of Sharīfābād inserted in the field after **ملکه** (946, 947). A.H. 946, 947, 948 (four specimens), 951, and 952

Square areas.

لا اله الا الله	شهر شاه السلطان
محمد رسول الله	خلد الله ملكه ٩٤٦
السلطان العادل	श्री सेर साही
Margin— ابوبکر عمر عثمان علی	Margin— فرید الدبا و الدین ابوالمطهر
	NB In some cases where space admits وسلطنه is added after ملکه .

¹ History of India, Bābar and Humāyūn, Erskine, II. pp 131, 134, Stewart's Bengal, p. 120, Bābar's Memoirs, by Leyden and W. Erskine (London, 1826), pp 405, 407, 408.

² Marsden's own published coin, No. docxxx, has the name of the mint fully and freely legible on its surface, though he himself did not detect it.

No. 352. Silver. Weight, 170 grs. Rantambhor.¹ A.H. 949.
Square areas.

The *Kalimah*

Margin—The names and titles
of the four companions

٩٤٩

شیرشاه السلطان خلد الله ملكه

श्री सर साह

السلطان العادل

ابوالمظفر فريد الدسا والدين

رنتمبھور ٢ ٢

No 353. Silver. Weight, 173 grs. A broad thin piece. A.H. 750.
Bhánpúra (lat. 24° 30', long 75° 45.)



Legends generally as in No 352, but the Persian letters are very crudely though clearly formed, and the Hindí name is even less definitely expressed. The conclusion of the obverse marginal record seems to run ضرب بھانپور سنہ “Struck at Bhánpúr, San. 950,” the *figures* following-on at the top of the square area. The doubtful sentence might possibly be read as ضرب شادجھانپور, but *Bhánpúr* seems to be the preferable rendering.

¹ The strong fortress of Rantambhor, in the province of Ajmir (lat. 76° 23', long. 26° 1'), 75 miles S.E. of Jaipur, surrendered to Shír Shah in A.H. 919 = A.D. 1512 (Eushe, II 432), and, with its dependencies, was assigned as a Jágir to 'Adil Khán, the eldest son of the Sultán (ii. 139). Sirká “Rhentem-poor” is stated, in the Áin-i Akbari, to have contained 83 *mahals*, measuring in all 60,24,196 *bugahs*, with a revenue of 8,98,64,576 *adms* (or 22,91,614 *rupes*).—

No. 354. Silver. Weight, 170 grs. Kālpī, A. H. 949.
Square areas.

لا اله الا الله	شمر شاه سلطان
محمد رسول الله	خلد الله ملكه
صرب كالمبي	سنة ٩٤٩
Margin—Names and honorific titles of the four companions	Margin—श्री सर सा etc. فرید الدبا

No. 354a. Silver. *Half Rupee*. Weight, 88 grs. A. H. 948.

This half piece, with its *demis*-proportion, brings the normal and official weight of the full rupee up to 176, out of the *theoretical* 178 grains.

No. 355. Copper. Weight, 310 grs. A. H. 948, 949, 950, 951

Obverse—فی عهد الامر الحامی الدین الدنان ٩٥١

Reverse—ابو المظفر شمر شاه سلطان خلد الله ملكه

No 356 (pl. v fig 185) Copper. Weight, 315 grs.

Agrah, A. H. 950 (or 951⁹)

Obverse—Area, فی عهد الامر الحامی ٩٥٠

Margin, السلطان العادل فرید الدین والدبا

Reverse—Area, شمر شاه سلطان ضرب اگره

Margin, أبو المظفر خلد الله

Gladwin's *Āḥ-i Akbarī*, iii. 78 See also Rennell, p. 232, T. R. A. S. i. p. 143, Journ. As. Soc. Bengal, 1837, p. 937, Faizshah, i. p. 301, etc., Tod's *Rajasthān*, ii. p. 147

No. 357. Copper. Highest (exceptional) weight, 329 grs.¹
Hissár, A. H. 950.

Obverse—Square area, شمس شاه سلطان ضرب حصار

Margin, خلد الله ملكه و سلطانہ

Reverse—Square area, محمد الامير الحامي

Margin, الله اكبر

No. 358. Similar coins, varying in the minor details of the legends.

Gwálor, A. H. 950, 951, 952 (Highest weight, 312.5 grs.)

Narnól,² A. H. 948, 950, 951. (Highest weight, 322 grs.)

Shírgarh, A. H. 950, 951 (Highest weight, 314 grs.)

Bíána, A. H. 951. (Highest weight, 315 grs.)

Kálpí, A. H. 949. (Highest weight, 311 grs.)

NOTE ON SHÍR SHÁH'S COINS.

Shír Sháh's reign constitutes an important test-point in the annals of Indian coinages, not only in its specific mint reforms, but as correcting the progressive deteriorations of previous kings, and as introducing many of those improvements which the succeeding Mughals claimed as their own. Though it is to be conceded that their occupation of Hindústán was followed by marked elaboration in the artistic developments of the local mints—due either to the more cultivated taste of the northern sovereigns, or to the superior excellence of their foreign workmen; still, associated with these mechanical ameliorations, no effort seems to have been made

¹ Average weight of four specimens, 316 grains

² Narnól was celebrated for its copper mints and mints. See *op. cit.* p. 416.

by these Chaghatái kings to assimilate their system of coinage to the wants of their new subjects. The intention, in this regard, appears rather to have been to force upon the conquered country the style of coin and scheme of exchange in use in the distant kingdoms whence the invaders came. This exotic system, owing, however, to causes other than any default of its own, was doomed to be but short-lived, inasmuch as Shír Sháh soon sat in the place of Humáyún; and, with the advantages of his individual local experience and clear administrative capacity, quickly reconstructed the currency upon the most comprehensive basis; and when this operation is followed out into its nicer shades, we are satisfied that as the abundance of his coins now extant attests the magnitude and settled nature of his power, so do the numerous geographical records they display assure us of the unusual completeness of his subjects' recognition of his sway.

Foremost among Shír Sháh's monetary improvements stands the supersession of the use of the time-honoured, though most indeterminate, admixture of silver and copper, and the employment in lieu thereof of avowedly simple metals—a cursory glance at any cabinet of the coins of the later Pathán monarchs will satisfy the inquirer of the interminable abuses a coinage composed of mixed metals of unequal value was subject to under the administration of careless workmen, unscrupulous rulers, and seldom severely honest mint officials, were there no other object in view, this motive alone would suffice to prove the policy of the changes introduced.

The authoritative remodelling of the coinage effected at this period appears from internal evidence to have been accompanied by a revision and readjustment of the relative values of the lower metals of silver and copper.

There are no data to show at what exact rate silver exchanged against gold in the time of Shír Sháh; but we have been able approximately to determine the ratio in 725 A.H. as 7 or 8 to 1 (p. 235 *antè*), and Akbar's official enumeration of the weights and relative values of his gold and silver coins demonstrates, beyond a doubt, that silver in his day stood to gold as 9·4 to 1.

Abúl Fazl's casual allusion to certain additional details of Shír Sháh's coin system, in illustration of that adopted by his own master, throws much light on our present inquiry, and with the aid of the test the coins themselves supply, permits of our forming a fairly approximate idea of the ruling scale of the more common monetary exchanges.

I have previously assumed, from existing specimens of the silver money of Shír Sháh, that the original mint standard of these pieces was calculated at an average weight of 178 grains, if not more. Abúl Fazl's statement on the point, scrutinized more critically than heretofore, affords a singularly close confirmation of this inference. I find it recorded in no less than four excellent copies of the original Persian *Aín-i Akbari*, that the rupee of Akbar, which was avowedly based upon that of Shír Sháh, weighed $11\frac{1}{2}$ *máshas*; the same weight (expressed in distinct words) is assigned in these MSS. to Akbar's *Jaláhi*, which is confessedly identical in value with the former. I mention this prominently, as Gladwin in his translation (i. pp. 34, 37, etc.) has given $11\frac{1}{4}$ *máshas* as the weight of these two coins; and Prinsep (*Useful Tables*, p. 19), in accepting Gladwin's figures, was led to place the weight of the old rupee at nearly four grains below its true standard.¹

¹ *Aín-i Akbari*. Calcutta edition, 4to, 1783. I take this opportunity of noticing some further errors of Gladwin's original MSS. in connexion with this

There is some doubt as to the precise weight we have to allow to the *másha*, which varied considerably in different parts of India. Prinsep has determined the Dehli *másha* to be 15.5 grains (Useful Tables, pp. 19, 20); and admitting this estimate, the result shows that Shír Sháh's rupee ought to have weighed 178.25 grains of what was esteemed pure silver.

The assignment of 15.5 grains to the Shír Sháhi *másha* is equally well borne out in the test afforded by Akbar's own coins. In order to avoid the very probable error of mistaking the identical class, among three but little varying denominations of the gold coinage, to which any given specimen within our reach should belong, I confine my reference to the silver money of Akbar, which, though differing in its various mintages, in types and legends, was preserved intact, uniform in weight and value. Marsden has contributed an example (No. DCCXXIV.) of a square Jaláli of this Pádsháh weighing 176.5 grains. Had the official *tolah* at this time been fixed at 180 grains, this coin would virtually contain four grains more than the law required; as it is, even allowing for wear, it shows a return of 15.3 grains to each of the $11\frac{1}{3}$ *máshas* of 15.5 grains, which should, under the higher scale of weights, originally have constituted its specific total on issue from the mint.

The adoption of this 15.5 grain *másha*, as a standard, necessitates a concurrent recognition of a proportionately increased weight in the *tolah* as then in use; we can scarcely suppose the twelve *máshas* composing the *tolah* to have aggregated 186 grains, while the *tolah* itself remained at the 180 grains modern usage has assigned to it. We have fortunately at

subject—1 p. 31, under Fláhi, "for 12 *máshas* $13\frac{1}{2}$ *ruttees*," read "12 *máshas* $1\frac{1}{4}$ *ruttees*;" and for "is in value 12 *rupees*," read "10 *rupees*." At p. 37, line 10, for " $12\frac{1}{2}$ *máshas*," read " $11\frac{1}{2}$ *máshas*."

hand a second means of proving the question in the ultimate determination of the intrinsic contents of the pieces constituting the lower currency of the period, and the result will be found to show sufficient confirmation of the theory which has already placed the *máshu* of Shír Sháh at 15·5 and the *tolah* at 186 grams troy. Forty *dáms* of copper, we are told, were in Akbar's time equivalent in account, and ordinarily in actual exchange,¹ to one rupee, and the *dám* of copper is itself defined at five *tanhs*, or one *tolah* eight *máshas* and seven *ratis* in weight. The measure of *value* thus specified is likewise distinctly stated to have been a continuation of a previously existing species of money, which, at the moment when Abúl Fazl wrote, went by the name of *dám*. There can be but little hesitation in admitting, almost *prout facie* on the evidence available, that the copper pieces classed under Nos. 355, 358, were the identical coins of Shír Sháh, to which the succeeding *dáms* of Akbar were assimilated; or, in other words, that they were in weight and value (whatever their name) the *dáms* of the Afghán Sultán. It is a nicer point to determine the precise contents in grains attending the professed mint issue of these coins, but first taking the figures now proposed for *máshas* and *tolahs*, we obtain from one *tolah* eight *máshas* and seven *ratis*, at 186 grains per *tolah*, a sum of 323·5625 grains; and then testing this return of the actual present weight of extant coins, we obtain a very reasonably close approximation to our figured result. It is true that the general average of the various existing provincial coins of this class, minted during the reigns of Shír Sháh and his Afghán successors, would necessarily run somewhat below the rate of 323·5 grains; but we have to allow a considerable per-centage for loss by wear

¹ See above, p. 360

in such heavy coins, composed, as they were, of copper, which metal would always continue more freely current, and consequently suffer far more from the abrasion incident to frequent transfers, than the more carefully guarded and less readily exchanged silver or gold. However we may, without claiming too much margin on these grounds, fairly consider ourselves within the mark in identifying the general series of coins under review as having originally an intentional standard of 323·5 grains, inasmuch as we can at this time produce several specimens of the coinage weighing 322 grains, and in one instance, of a Hissár coin, we can reckon no less than the large overplus of 329 grains. Added to this, we have the indirect evidence of Forishtah that in his day there was a *pava'* (or fixed weight? بول) which was rated at $1\frac{1}{2}$ *tolahs*, which, at 186 grains the *tolah*, gives the close though higher return of 324·5 grains.

At the same time, it would be impossible to reduce *per contra* the coins which furnish our means of trial to anything like so low a general average as would admit of 314 grains (or the produce of the simple 180 grains *tolah*) being accepted as the normal issue weight.

The later and more ample investigations which have suggested themselves during the progress of this enlarged work on "The Chronicles of the Pathán Kings of Dehli," bear out, in a remarkable manner, the accuracy of the results previously obtained from Shír Sháh's extant coins. Now that we have ascertained the precise application of the term *tank*, as distinguished from *tankah* or any other misleading association, we are able to check the return obtained from the definition of the weight of the *dám* as one *tolah* eight *máshas* and seven *ratís* (which produces a total of 323·5625 grains); by the second estimate of five

tanks, a weight which Bábar himself defines as 32 *ratís*¹ [or 56 grains], and which crops up under the palpable and tangible form of the mediæval representatives of the old *purána* in the present series (Nos. 102, 108, 118, *et seq.*). This latter calculation produced a return of 280 grains (56×5), which proved to be the exact amount required to constitute the old *pausa*, forty of which went to the 175 grain *silver tankah*, giving a grand total of 11,200 grains of copper to 175 of silver, or at the exchange rate of the two metals of 64 to 1.

We need not subject the old copper *tank* to any tests or trials by the new copper standard, as the value of that metal in reference to silver was avowedly altered from the rate obtaining when the coined *tank* or *purána* first constituted the secondary authoritative and corrective measure. And here we are forced to encounter another supposed difficulty: we have seen that allowance had to be made for the increased weight of the *másha* consequent upon the advance on the rate of the *tolah* and rupee; but the question of the *ratí* did not form part of the then leading argument, but by parity of reasoning, this weight must equally have felt the change, and hence we find that as the old *ratí* of the early Patháns stood at 175 grains, so the revised *ratí* under Shír Sháh and Akbar rose to 1·9375 grains ($186 \div 96$); or by the *dám* test, $323 \cdot 5625 - 167$ [the number of *ratís* in a *dám*] to 1·9375,—a solution which will reconcile the difficulty heretofore experienced in the admission of the correctness of my independently devised estimate of the weight of the ancient *ratí*.²

¹ Page 222 *ante*.

² Gen Cunningham (Jour. As. Soc. Bengal, 1865, p 46), proposed to correct my estimate of 1·75 into 1·8229, making the eighty *ratís*, which is rather a

The exchange rate of copper and silver in Shír Sháh's time would appear from these returns to have ranged at something over 72 6 to 1 ($178\cdot25 \div 1294\ 25$ [*i.e.* $323\cdot5625 \times 40$]) = 72 60).¹

THIRTY-SEVENTH KING (A.H. 952-960, A.D. 1545-1552).

'Adil Khán, the eldest son, had been nominated as the successor to the throne of Shír Sháh. Jalál Khán, the younger brother, however, taking advantage of his absence from the capital at the time of the death of their father, assumed the imperial dignity under the title of Islám Sháh; and not long afterwards, 'Adil Khán made a formal resignation of his birthright, and saluted Islám Sháh as *Sultán*, simultaneously accepting, for his own portion, the *Jágir* of Bíána. Eventually, seeing cause to distrust the good faith of his brother, 'Adil fled to Méwat, and went into open revolt. This futile effort was quickly crushed by the Sultán, and 'Adil took

standard weight, equal to 115 832 grains. This calculation is reproduced, and the inference reiterated by the General in his article, "On the Indian Prince Sophytes," in the *Numismatic Chronicle* (October, 1866, p. 230), and he further extends his comparisons to the ancient *punch-marked* thirty-two rati *puṇasas*, two [exceptional] specimens of which he has found to weigh as much as 50·5 grains each, marking an excess of *half* a grain upon my extreme limit. I should not be disposed to allow this fact to disturb my previous determination of the standard of 56 grains, as the accretment of the half grain in such rare instances might be due to many extraneous causes, indeed, I should rather argue from the General's own data, the result of which he specifies as "out of 186 specimens," ten only weighed "above 56 grains," that my maximum of 56 was preferable to his of 58. Mr N S Maskelyne estimated the *sat* of Bábar's time at 1·862—1 80, the basis of his calculations being Humáyún's diamond.—J.R.A.S. 1866, p. 152.

¹ Col W Anderson made his return 70. 1.—Prinsep, *Useful Tables*, p. 22. He seems, however, to have worked out his totals from the mere text of the *Áin-i-Akbari*, without the all-important check of coin weights.

refuge in Bihár, where all traces of his eventual fate are lost. This outbreak was followed by a rebellion in the Punjáb, under 'Azim Humáyún, which was for the time subdued by the defeat of the insurgents. The rest of the reign of Islám was disturbed by repeated insurrections, and during this period he had to reckon no less than three remarkable escapes from assassination. He died in 960 A.H.

No. 359 (pl. v fig 190) Silver. Weight, 168 grs. Common.

A n. 952, 953, 951, 955, 956, 957, 958, 959, 960.

Obverse—Square area, لا اله الا الله محمد رسول الله

Margin, انا بکر الصدين عمر العاروق عثمان العون¹ على المرنصي

Abábaki the true, 'Umar the discerning, 'Usmán the defender, 'Alí the chosen.

Reverse—Area, اسلام شاد ابن شمر ساد سلطان خلد الله ملكه ٩٥٩

बी ईसलाम साहि

Margin, جلال الدنيا والدين ابو المظفر السلطان العادل ٩٧٧

¹ The العون "The defender," "patron," also "servant," is a somewhat doubtful reading, as on many coins there seems to be a dot over the third letter, making it العون. Marsden has given this word as القون, but the best ext specimens of Islám's mintage display the medial ع or ع in its perfect shape. The proper word is الععان. Islám's coins are very dubious in their orthography in other respects, the ابن being frequently written بن, and the साही Sháhí being used indiscriminately with साहि Sháhí.

The same uncertain method of expressing the Dovanágari equivalent of the Persian name of شمر شاد *Shir Sháh* is also to be seen in its full defects on the coins of that prince.

No 360. Marsden, DCCLXIV.

Varieties—Agrah, 952.

,, Gwālor, 952, (953), 957.

,, Satgón, 951, 952, 953.

,, Shakk-i Bakar, 953, 959.

,, Other dates, 956, 958, 960

Square areas.

لا اله الا الله

محمد رسول الله

٩٥٢

Seal of Solomon

اسلام شاد ايس

نمبر شاه سلطان

خداد الله ملكه و سلطانه

सी इसलाम साह

Margin—The names and titles
of the four companions.

جلال الدين و الدسا—Margin

ابو المظفر ضرب سنانو

Some examples vary the Hindí orthography of the name of Islám to

इसेलिस इसलाम सह, etc.

No 360a A half piece of this type. Weight, 84.5 gms.

No. 361. Silver Weight, 171 gms New variety. (My cabinet)
Sharífábád, a.d. 953.

Circular areas

The *Kalimah*.

اسلام شاد سلطان

اسن شمر شاه

سلطان خلد

الله ملكه

Margin—ابوبكر عمر عثمان

جلال الدسا والدين ابو—Margin

علي السلطان العادل

المظفر (ضرب) شريفاباد ٩٥٣

श्री इसलाम साही

No 361a. Similar coin, without any mint record. Dated 952 A.H.

No 362. Silver. Square coin. Weight, 172 and 178 grs

A.H. 954, 956 Col. Stacy

Obverse—The *Kahmah*

Reverse—اسلام شاه ابن شمس شاه سلطان خلد الله ملكه ٩٥٦

[श्री] इसनाम

No 363 Copper. Weight, 315 grs. A.H. 952, 953, 954, 955,

956, 957, 958, 959.

Obverse—في عهد الامر الحامى الدين الدنان ٩٥٦

Reverse—ابو المظفر اسلام شاه ابن شمس شاه سلطان خلد الله ملكه

No 364 Copper Weight, 38 grs.

Obverse—اسلام شاه شمس شاه سلطان

Reverse—خلفه الزمان العادل

No. 364a Small coin. Shírganh. A.H. 953

U. Inscription of the time of Islám Sháh, A.H. 952, on 'Imád ul Mahk's Well at Dehl.

بسم الله الرحمن الرحيم در عهد و زمان سلطان السلاطين ابو المظفر
اسلام شاه بن شمس شاه سلطان خلد الله ملكه و سلطانه بنا كرد اين
جاه بتوفيق الله بروج رسول الله ملك عماد الملك عرف خواجه
عبدالله لادر فريشي بدار الملك حضرت دهلى في سنه اثني و

خمسين وتسعمائة Nos. 35 and 61, Syud Ahmad's Asfat-us-Sunnadeed.

V. Second Inscription of the time of Islám Sháh, A. H. 958, on 'Imád ul Malík's *Bádli* at Dehli.

نمام شد این باوری و جاهد در ماه رمضان در سه بهصد پناه و
هشت هجری روح محمد مصطفی رسول درگاه حضرت اله در زمان
عادل اسلام شاه بن شمس شاه بناکرده کارکن دین از جمله بمشی
خواجہ عماد الملک عرب عمده لادر قریبی مده کارکن باوری
امدوار عیایت ۱۰
Nos 34 and 60, Syud Ahmad's Asár-us-Sunnadeed

There is also a short inscription, dated, in Persian, A. H. 954, on 'Isa Khán's *Makbarah*.—Syud Ahmad's *Asár-us-Sunnadeed*.

The public buildings, for which Islám Sháh's reign is remarkable, are the Fort of Selim Gurh, marked B on the accompanying plan of Dehli, and the extensive fortress of Mankót or Mánghar (32° 37' N. 74° 55' E.), 76 miles N. of Amritsir.

THIRTY-EIGHTH, THIRTY-NINTH, AND FORTIETH KINGS.

The historical events of the reigns of the three kings, who represent the obscuration of the Pathán dynasty of Dehli, are so interwoven with one another that it may be convenient to notice them in concert. On Islám Sháh's death, his son, Fírúz Khán, a boy of twelve years of age, was for the moment elevated to the throne of his father, only to be quickly disposed of by Mubáriz Khán, a nephew of Shír Sháh, who thereupon usurped the sovereignty under the title of Muhammad 'Adil Sháh. Equally infamous and ignorant, the self-elected Sultán entrusted the direction of his kingdom

to one Hímú (a Hindú, accused by his enemies of having once been a shopkeeper), fortunately, the individual thus selected was as capable, as he subsequently proved himself true, and for the time he loyally upheld the fortunes of the monarch he served. The Sultán's singular tendency to resume *Jághirs* and other governmental estates from the parties in possession, and to transfer them to new nominees, apparently without any further object than to show his power so to do, led to an attack upon his person in open Darbár, from which a hasty and undignified flight but narrowly saved him. In 961 A.H., so serious a rebellion was organized that the monarch was obliged to march against the insurgents in person, when he attacked and routed them near Chunár. Shortly after this, Ibráhím Súr, 'Ādil's cousin and brother-in-law, revolted, and obtained possession of Dehli and Agrah, obliging 'Ādil Sháh to confine himself to the eastern portions of his dominions. No sooner, however, had Ibráhím seated himself on his newly-erected throne, than another competitor started up in the person of Ahmad, a nephew of Shír Sháh, who, under the designation of Sikandar Sháh, assumed royal honours, and defeating Ibráhím, succeeded to the rulership of his lately-acquired territories. In the mean time, Muhammad Khán Gúria, governor of Bengal, disavowed allegiance to Muhammad 'Ādil, but was eventually vanquished and slain by Hímú. Prior to this last action, Humáyún, operating in another direction, had repossessed himself of Agrah and Dehli, and thus, in acquiring Sikandar's provinces, found himself in direct antagonism with Muhammad 'Ādil. Hímú, hearing of the death of Humáyún, which occurred about this time, and leaving his master in safety at Chunár, advanced upon Agrah, which he entered unopposed, and thence proceeded to Dehli, where he overcame Tirdi Beg,

the Mughal governor. He next prepared for a march on Láhor, but was met on the plain of Paniput by Bahráṁ, the guardian of the young prince Akbar, and defeated and slain, after a display of considerable valour 'Adi Sháh continued to reign in his eastern dominions till he was killed, in 964 A.H., in an encounter with Bahádur Sháh, a pretender to the throne of Bengal.

MUHAMMAD 'ADIL.

No 365 (pl v, fig 194). Silver Weight, 174 grs. Rare.

A.H. 961, 963. One specimen struck at Nainól.¹

Obverse—Square area, لا اله الا الله محمد رسول الله

Reverse—Square area, محمد عادل شاه سلطان خلد الله ملكه ٩٦١

श्री महमद सह *Shi Mahamad Sah.*

Margins illegible

No 366 Copper Weight, 322 grs. Rare

A.H. 961, 962, 963, 964

Obverse—انوار المظفر محمد شاه سلطان خلد الله ملكه

Reverse—في عهد الامر الحاجي الدين الدان ٩٦١

No. 367 Copper. Similar coins struck at Gwálor

A.H. 961, 962, 963, 964.

IBRAHIM SUR.

No 368. Copper Damagod coin Mr. Freeling's cabinet.

Obverse—ابو المظفر ابراهيم

Reverse—٩٦١ ضرب بخصرت

¹ Nainól is a district N.W. of Agra, and in Akbar's time comprised seventeen *maháls*, with an area of 20,80,046 *bighas*. The capital is situated "in lat 28° 5' N, long 75° 52' E, 86 miles S.W. from the city of Delhi. It is a place of considerable antiquity, but now greatly reduced in size." Aból Fázl mentions that this *mehál* was celebrated for its copper mines, and mints were established in various localities for the immediate production of coin—*Ain-i-Akbari*, ii. 48, and iii. 48, Hamilton's Hindústán, i. 401, and p. 403 *ante*.

SIKANDAR.

No. 369 (pl. v. fig 197). Silver. Weight, 175 grs. Unique

A. H. 962

Obverse—Square area, لا اله الا الله محمد رسول الله

Reverse—سلطان سكندر شاد سور ٩٦٢

Margins illegible.

No 370. Copper. Weight, 35 grs. Rare A.H. 962.

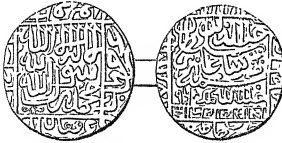
Obverse—سلطان سكندر

Reverse—سكندر شاه سلطانى

The subjoined coin is somewhat out of place in the present series, which professes to limit itself to purely Pathán times, but the design of the piece identifies itself curiously with the prior mintages of Shír Sháh and the succeeding types accepted by Akbar. (Stewart's Bengal, p. 147.)

JALAL SHAH OF BENGAL.

No. 371. Silver. Weight, 170 grs Unique. Jápúr, A. H. 968



Square areas

لا اله الا الله

محمد رسول الله

Margin—ابابكر صديى عمر

خطاب عثمان عفان علي

سلطان جلالدين

محمد شاد غازی

خلد الله ملكه ٩٦٨

श्री जलाल साही

Margin—

ابوالمظفر ضرب جاجپور

AKBAR'S COINAGE.

I do not propose to include in the pages of this work any extended notice of the coins of Akbar, but there are many details in the practical working of his mints, of which we have an unusually full and complete record, under the hand of his minister, Abúl Fazl, that specially illustrate the antecedent developments of the coinages of his predecessors. His fiscal theories, whether in the elaboration of pure revenue accounts, or the subordinate adjustments of scales and weights, confessedly followed local standards, and, as such, may be said essentially to belong to the prior period. As bearing upon this transitional epoch, four points of interest present themselves—I. The remodelled and reconstructed coinage itself, with its singularly complicated adaptations to minor and pre-existent subdivisions of the currency. II The more general question of the relative values of the precious metals at the moment, which forms a curious item in the exchanges of the Eastern world. III The very complete scheme of Seigniorage in recognized operation as between the State and the bullion merchant. IV The geographical distribution of the provincial mints, which necessarily followed, in more or less completeness, the ancient traditions of the land.

I. COINS OF AKBAR.

NAME	GOLD			VALU E
	WEIGHT			
	Tolchs	Māshas	Ratīs	
1. <i>سنگه</i> <i>Sihansāh</i>	101	9	7 = 100	L'al Jalālī <i>muhars</i> at 10 rupees each = 1,000 ru- pees, or 40,000 <i>dāms</i> .

NAME.	WEIGHT.	VALUE.
Tolabs Marshas Raha.		
2. Smaller variety of No. 1.	91 8 0	=100 round <i>muhars</i> at 11 <i>mis</i> - <i>shas</i> of gold or 9 rupees each = 900 rupees or 36,000 <i>dāms</i> .
3. رها <i>Rahas</i>		= $\frac{1}{2}$ of Nos. 1 or 2, as their individual contents may indicate
4. آتمه <i>Atmah</i>		= $\frac{1}{4}$ of No. 1.
5. بنسبت <i>Binsat</i>		= $\frac{1}{6}$ of No. 1. Similar coins, officially declared of the lower values of $\frac{1}{8}$, $\frac{1}{10}$, $\frac{1}{16}$, and $\frac{1}{27}$ of No. 1.
6. چهار گوشه <i>Chahār Gōshah</i> 3 0 5 (i.e. square)	3 0 5	$\frac{1}{2}$ = 30 rupees Stated in the text to be $\frac{1}{10}$ of No. 1, but seemingly nearer the proportion of $\frac{1}{12}$.
7. چگل <i>Chugul</i>	2 9 0	= 3 round <i>muhars</i> (No. 10), at 9 rupees each = 27 rupees Recorded in the official summary as $\frac{1}{10}$ of No. 2, though in actual value more like the pre- vious fraction of $\frac{1}{10}$.
8. ايلي <i>Ilahi</i>	1 2 4	$\frac{3}{4}$ = 12 rupees.
9. افتابي <i>Aftābi</i>	12 1	$\frac{3}{4}$ = 10 rupees. The square <i>Lāl</i> <i>Jalāl</i> is stated to be identical in weight and value (The standard equivalent of 100 <i>dāms</i> .)

NAME	WEIGHT.	VALUE
	Tolabs Māshas Ratis.	
9a. لعل جلالی <i>L'al Jalālī</i>	1 0 1½ = 400 <i>dāms</i> , or 10 rupees.	
(Old).		The extra weight beyond that allowed in the new coin, No. 9, is probably due to the lower degree of fineness of the gold, ¹ which was confessedly less pure, <i>quoad</i> its metal, than the new coins issued from Akbar's better organized mints
10. عدل گتک <i>ʿAdl Gutkāh</i>	11 0 = 9 rupees. Also known as the ordinary round <i>muhār</i> , in value 360 <i>dāms</i> ²	

Most of these latter coins have minor subdivisions of $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{8}$, $\frac{1}{16}$, $\frac{1}{32}$, $\frac{1}{64}$.

Marsden has several gold coins weighing as much as 168 grains, which may be supposed to correspond with the *round muhār*, No 10, whose full issue weight would have been $(15 \cdot 5 \times 11) = 170 \cdot 5$ grains. Among the rest, he has a *Mih dābī*, No. DCCCVIII, 166½ grains. And there are pieces, Nos DCCXXVIII and DCCCLIX, of 187·5 grains, and No DCCXXVI of 188·0 grains, which are all very close upon the weight required for No 9.

¹ Calcutta text, p 27, Gladwin, i 37, Blochmann, p 32. There is some obscurity in this passage Gladwin's text gave a weight of 1 0 1½. My Dehli MSS all concur in the figures 1 0 1½, and accord with the weight adopted in the Calcutta text. Under these circumstances, the translation of the context as "of the greatest degree of fineness," or "quite pure," must be modified to suit the facts. The original passage runs in my Dehli MSS—اول لعل جلالی و آن بکرامی نام روشناس و وزن یکت نولجہ و یکت سرخ و سه ربع و عبار بکمال (بکامل var. قیمت چهار صد دام

² Also called under other forms, *Mihābī* and *Muḥīdī*.

SILVER.

روپہ *Rupée* (round)¹ = 11 *māshas* 4 *ratīs*.

جلالہ *Jalālāh* (square) = 11 *māshas* 4 *ratīs*.

Subdivisions—درب *Darb*, $\frac{1}{2}$; حرن *Charn*, $\frac{1}{4}$; پاندو *Pandu*, $\frac{1}{8}$;
آشت *Ashi*, $\frac{1}{16}$, دسا *Dasā*, $\frac{1}{32}$; کلا *Kalā*, $\frac{1}{64}$, سوکی *Sūki*, $\frac{1}{128}$.

The old Akbar Shāhi round rupee was estimated at 39 *dāms*.
The above coins were the revised representatives of 40 *dāms*.²

COPPER.

دام *Dām* = 1 *tola* 8 *māshas* 7 *ratīs*, or about 323.5625 grains of
copper (estimating the *ratī* at 1.9375 grains).

ادھلہ *Adhēlah* = half a *dām*.

پاولہ *Pāulāh* = a quarter of a *dām*.

دَمری *Damri* = one-eighth of a *dām*.

The numismatic world in Europe was greatly excited a short time ago by the discovery of a Bactrian coin of Eukratides (B.C. 185), in gold,³ of the unusual weight of 2593.5

¹ Inscription. *Obverse*—الله اکبر جل جلالہ

Reverse—Date

² To show how completely the *dām* was understood to form the unit or standard in all exchanges, it may be noticed, in addition to the theoretical evidence quoted above, as to the adjustment of the coinage in the higher metals to the more comprehensive totals in *dāms*, that, practically, the *dām* was the ready money of prince and peasant. Abūl Fazl relates that a *kar* of *dāms* was kept ready for gifts, etc., within the palace, “every thousand of which is kept in bags.” Bernier mentions the continuation, even to Amangzēl’s time, of the same custom of having bags of 1000 *dāms* ready for distribution. His words are—“et l’on fait donner sur l’heure un sac de Peyssas, ce qui vient à environ cinquante francs” (ii. p. 65).

³ This piece is highly finished in some of its artistic details, but is crude and imperfect in other respects. The difficulty of driving the high relief of the obverse die home is curiously illustrated by the palpable reaplication of that die, and a second resort to the hammer, but, in the process, the reverse die, which was less deep in its engraved surface, had been disregarded and shifted half way round, so that the second impression nearly obliterates the first, but still the former has left traces, in the texture of the gold, of the previous impact. The

grains, constituting, in the Greek scheme, a *twenty-stater piece*, or $\frac{1}{15}$ *talent*. It is curious that the Greeks should so early have adapted themselves to Eastern notions of bullion and ingots, although they reduced the crude lump of metal to the classic form in which it now exists. This numismatic precedent introduces us appropriately to the massive medals of Akbar's mints. There was an idea abroad at one time that these Sihansah *coins* were merely occasional pieces, struck more for vanity sake than for real utility; but the number of specimens found ready prepared amid Akbar's reserved treasures,¹ and the continuity of their issue by succeeding

medal presented no particular novelty, such as should enhance its value to a numismatist, except its weight, as the type of the helmeted head of the king and the *Dies cui referre* were sufficiently common. The coin is now in the Bibliothèque in Paris. See M. Chaboulet, *Revue Numismatique*, 1887, p. 382, Gen. Cunningham, *Numismatic Chronicle*, 1869, p. 220, Wilson's *Ariana Antiqua*, pl. iii figs 1-3, Prinsep's *Essays*, ii 185, etc.

عالي ده كرور روپيه و هزار كرور لعل خاصه كه پادشاه بدست
خود جدا كرده بود ده من بخنه طلاي غر مسكوك و هفتاد من سخته
نقره غر مسكوك و شصت من سخته بول ساء و پنج هزار كرور سكه

—Fushtah, Bombay Lithographed Persian text, i p. 517

That is to say—*a.* 10,00,00,000 'Alai rupees (Nos. 132-134, *supra*)

" " *b.* 1,000,00,00,000. *Special* gold Muhars (or square L'al Jalāhs, No. 9 of Akbar's *own* coins).

" " *c.* 10 *manas* of uncoined gold

" " *d.* 70 " " " silver

" " *e.* 60 " " " copper

" " *f.* 5,000,00,00,000 *tanikahs* (? copper)

Biggs's translation (ii p. 281) varies some of these items, for instance, *b* is given as 1 *kor* only, and is associated with the *'Alai* of the opening sentence.

Khāfi Khān's enumeration, in the *Muntakhab al Lubāb*, is as follows —

و وقت وفات او كه عرض خزانہ كرنند سواي اشرفيهاي كلان كه
از صد توله با پانصد توله هزار اشرفي در خزانہ موجود بود و ده كرور

kings,¹ seems to indicate that they were consistently designed to serve for the purposes of larger payments, such as our civilized age recognizes in one hundred pound notes, etc. Moreover, there was clearly a great temptation to the production of such single pieces when the State or the Sovereign himself, as will presently be shown, could realize the seigniorage of $5\frac{1}{2}$ per cent., or from £5 10s. to £27 10s., by each application of the royal dies.

روپہ و اسرفی طلائی باردرد ماشہ و سزده و چهارده ماشہ و دو صد و
هشتاد و دو من طلا عر مسکوکت و سصد و هفتاد من نقرہ بوزن
خام سواى جواهر کہ قیمت آن از مسہ کرور روپہ تجاوز نموده بود

—Calcutta Persian text, i p 243. The printed Persian text is obscure. The MS of the Royal As Soc, No. 77, xxviii, slightly improves the run of the sentence.

a No definite specification is given, except the general reference to Gold Mubars of *three* varying standards (8, 9, 10, Akbar's *schick* whose weights are erroneously given as 11, 13, and 11 *mushas*), and an allusion to the massive gold pieces of 100 *tolaks* and upwards to 500 *tolaks*.

b. 10,00,00,000 rupees.

c 272 *mans* crude gold

d 370 „ „ silver

g 1 *man* of selected jewels, valued at 3,00,00,000 rupees.

R. Hawkins also speaks of 20,000 gold pieces, of 1,000 rupees each, and 50,000 silver pieces of "Solim Sha of 100 Tolas a piece," as existing in Jahāngir's treasury.—*Purchas* i 217

¹ a There is a gilt copper cast of a Gold Mubar of Shāh Jahān, dated Shāh-jahānābād, 1064 A.H., in the Asiatic Society's Collection at the Indian Museum, measuring $5\frac{1}{2}$ inches in diameter, and weighing in its representative metal 2 lbs. 1 oz 7 dr. The original gold medal itself is fully described by Richardson, in his Persian Dictionary (edition 1829, p 840), where it is stated to have weighed "above 70 ounces," being 4 inches in diameter, and "1 line in thickness." In its legend it purports to represent a piece of 200 *mubars*—b. There is a silver medal at Dresden of Aurangzēb, minted at Shāhjahānābād in the tenth year of his reign, 4.4 inches in diameter, which weighs 5 Saxon lbs = 5 15 15 lbs. English "Kcltr," "Aurenkséb," Lipsius, 1725. See also Marsden, pp. 641

The Persian monarchs also issued large pieces in silver. Marsden, No DLVII., p. 466, gives a coin of Husain Shāh (A.H. 1121) weighing 4 988 grains, and Prinsep has described a piece of the same monarch (A.H. 1118) weighing 844 3 grains.—*Jour. As. Soc. Bengal*, 1838, p 415.

II. From this summary of the minted coins of Akbar, as distinguished from the fanciful interchanges of names and terms applied to one and the same piece or measure of value, which have needlessly puzzled modern commentators, we may pass to the higher consideration of ratios of gold and silver, as proved by the rate of exchange formulated for the two metals in the practical mechanical department of the mint, and simultaneously promulgated in official language as the accepted rate of exchange.

Abúl Fazl's copious and somewhat tedious statistics may be concentrated in their leading results as follows.—

No. 1. The massive piece, the *Sihansah*, of the above table, in value 100 *L'al Jaláls*, gives a return of weight in *gold* of *tolahs* 101, *máshas* 9, *ratís* 7=1000 *silver* rupees:18328::172,500 ($172\ 5 \times 100 \times 10$):1::9 4118.

No. 2. The second or lower *Sihansah*, of 100 round *muhars*, produces a similar result Weight in *gold*, *tolahs* 91, *máshas* 8=900 *silver* rupees:16500::155250 ($172\ 5 \times 100 \times 9$):1::9 409

No. 6. Weight in *gold*, *tolahs* 3, *máshas* 0, *ratís* $5\frac{1}{2}$ =30 rupees of 11½ *máshas* each:549 84::172 5×30 (5175 0):1::9 4118.

No. 7 Weight in *gold*, *tolahs* 2, *máshas* 9=27 rupees:495::172 5×27 (4657·5):1::9 409.

No. 8 Weight in *gold*, *tolah* 1, *máshas* 2, *ratís* $4\frac{3}{4}$ =12 rupees:218 90::172 5×12 (2070 0):1::9 4563.

No. 9. Weight in *gold*, *máshas* 12, *ratís* $1\frac{3}{4}$ =10 rupees:183·28::172 5×10 (1725 0):1::9·4118.

No. 10. 'Adl Gutkah, or Round Muhar, also called *Mihrábí* Weight in *gold*, 11 *máshas*=9 rupees:165::172·5×9 (1552 5):1::9·40909.

These estimates are made upon the bases of the ordinary *tolah* of 180 grains, the *masha* of 15 grains, and the *rati* of 1.875 grains. The question of corresponding values in the English or any other scale need not affect the parallel result.¹

¹ I gave more prominence to the above calculations, and even tested anew my earlier returns by the independent totals afforded by the larger sums originally omitted, because the obvious result of gold being to silver as one to 9.4, had been called in question by an official of the Calcutta mint (a Dr Shekleton), who, however, while unable either to correct my data, or to produce any possible evidence against my conclusions, ventured to affirm that "9.4 to one is a relative value of gold to silver, which never could really have existed" (Journ. As. Soc. Bengal, 1864, p. 517). Nevertheless, here is a series of comparative weights and values, furnished by the highest authority of the day, and each and all producing returns absolutely identical up to the first place of decimals. My original estimates were sketched and published at Delhi, in 1851, where I had access to the best MSS, to the most comprehensive range of antiquarian relics, and at command the most intelligent oral testimony in the land. When reprinting Prinsep's "Useful Tables," I had occasion to quote these calculations, and was able to fortify them, had it been needed, by the precisely analogous results obtained by Colonel W. Anderson, who had tried Abul Fazl's figures, from MSS pure and simple, without any disturbing difficulty about coins (Prinsep's Useful Tables, London edition, vol. II p. 32). But if there were the faintest reason for doubting so moderate a rate as one to 9.4, the whole discussion might be set at rest by Abul Fazl's own statement as translated by Gladwin into English in 1783, when, in completing a very elaborate review of the profit and loss of refining gold, for the purpose of coinage he concludes, and the process "leaves a remainder of about one-half a *tolah* of gold, the value of which is four rupees" (i. p. 44).

Richard Hawkins, who was at Agra in A.D. 1609-11, during the reign of Jahāngir, has left a notice of certain accumulated treasures of that prince which he was permitted to behold, and amongst the rest he specifies, "In primis, of Serafins Beber, which be ten rupias apiece." To this passage is added, in a marginal note, that "a *tole* is a *rupia* challary [current] of silver, and ten of these *toles* are of the value of one of gold." (Purchas 1. 217.) This evidence might at first sight seem to militate against the conclusion arrived at from the official returns above summarized, but the value of gold was clearly on the rise, and one of the aims of Akbar's legislation on metallic exchanges, which had necessarily been disturbed by progressive modifications in the relative values of the precious metals, was manifestly to secure an authoritative *open* reckoning by tens and hundreds. The old round *muhar* (No. 10 of the above list) represented the inconvenient sum of nine rupees, or 360 *damms*. By raising the weight of the piece to the higher total

III. The next section of Akbar's mint organization, which I have now to notice, is the amply defined official recognition of the law of seigniorage. The following outline table gives the results of a very uniform and well understood royalty, or mint charge, of over $5\frac{1}{2}$ per cent. upon the conversion of bullion into coin; and the Oriental craving after small profits is graphically confessed in the proviso that the State

given under No. 9, the gold *mithi* was made equivalent to ten rupees, or in fiscal reckoning to 400 *dams*. Similarly, in the case of the silver coin, the old rupee passed for 39 *dams*, in the new currency, a value of 40 *dam*s was secured, not by an increase of weight, but by the declared and doubtlessly achieved higher standard of the metal employed, aided by the advantage that contemporary mintages so readily secured in India.

The question of the relative values of gold and silver formed the subject of discussion at a subsequent meeting of the Asiatic Society of Bengal (8th December, 1865), when Colonel Lees stated his objections to some of my inferences. As I understand, he freely admits the correctness of the figures given above to establish the rate of one to 94, but he is disposed to distrust "calculations based upon mint regulations, during a period when the principle of a standard was but imperfectly understood even in Europe, and upon a unit of measure not accurately ascertained." I trust that the more ample details furnished in this volume will satisfy him that the Delhi mint authorities had arrived at very distinct notions of the comparative values of the precious metals, and had elaborated the details of exchanges with very considerable success, when the singular complications of previous currencies had to be taken into account. I have already seen and corrected the error of my first interpretation of Ibn Batutah's text, and as regards Gladwin's translation of the passage above quoted, "which leaves a remainder," etc., I have not the slightest wish to uphold it in the face of a more full and rigorous interpretation of the special text, but ordinarily, a linguist of good repute, who has translated so big a book as the *Ain-i Akbari*, arrives at a pretty fair conception of the meaning of his author! I myself had no reserve in correcting Gladwin's figures, but in his simple reproduction of Indian phrases, I was quite content to follow such an authority without a critical re-examination of his Persian version. The argument about the half *tolah*, however, is as unimportant at the present moment as the now rectified passage of Ibn Batutah, the value of whose statements on the subject of local money has altogether been superseded by the more exact details contributed by the *Masâlik ul Absâr*, pp. 238, *supra*. I see that Sir T. Roe, incidentally speaking of the weight of Jahângir, specifies it as 9,000 rupees, or £1,000 sterling.

should benefit for the amount of interest the merchant might possibly have had to pay.

Outlay by merchants in current coin, for crude metal.	Total Mint return after refining				Merch mts.' return, with fractional profits				State seigniorage				
	Muhar	Rs	Dāms	Jitāb	M	R	D	J	M	R	D	J	
100 L'al Jālālī													
Gold Muhar's	a	105	39	25	0	100	12	37	3½	5	12	3½	0
950 Rupees													
(crude metal test)	b.	1006	27	20		953	21	10½		50	13	0	
950 Rupees													
(old coin test)	c.	1015	20	0		954	20	0		50	24	0	
1044 dāms (the cost of one man of copper)	d.	1170	0			1062	19½			58	20		

Mint charges—*a.* Rs. 7 26 20½; *b.* Rs. 2.33 2; *c.* Rs. 10.12 14½, *d.* Rs. 1 8 18.

Dr. H. Blochmann (pp. 37, 38) notices some minor errors in the simple addition of the several items, . . and there are obvious discrepancies in the totals assigned for the mint charges. Gladwin's figures are also more or less uncertain (1. 45).

IV AKBAR'S MINTS.

اتك Attok.	اگرہ Agrah.* †
اجمير Ajmír.	الور Alwar.
احمد آباد Ahmadábád.* †	الهاباس Ilahábás.†
(Gujarát).	اوده Oude.

¹ In cases where the gold employed belongs to the State, an extra deduction is made for the interest the merchant would otherwise have had to pay, to the amount of rupees 6.37½ (Gladwin, 6.10.12½).

AKBAR'S MINTS—*continued*.

اوجین Ujain.†	سمبھل Sambhal.
بداون Badáon,	سورت Súrât.†
بنارس Benáres.	سہارنپور Saháranpúr.
بنگالہ Bengál.‡†	سیالکوٹ Siálkót.
بھکر Bhakar.	فوج Kanauj.
پٹن Pattan.	کابل Kábul.*†
پٹنہ Patnah.†	کالپی Kálpi.
بیرہ Bhirah.	کشمیر Kashmír.†
ٹانڈہ Tándah.†	کلاںپور Kalánúr.
جالندھر Jálándhar.	گوالیار Gwálior.
جونپور Jaunpúr.	گورکھپور Gorakhpúr.
حصار فیروزہ Hissár Fíruzah.	لاہور Láhór.†
دہلی Dehli.†	لکھنؤ Lakhnau.
رنتھمبھور Ranthambhor.	مٹھرا Mathura.
سارنگپور Sárangpúr.	ملتان Multán.†
سروج Sironj.	مندو Mandú.
سرہند Sirhind.	ناگپور Nágór.
(var. سرہند).	ہردوار Hádwar

Those mints marked * were alone permitted to coin gold. The issue of silver money was restricted to the cities marked with †, and the other towns coined nothing but copper

In order to form a correct estimate of the effective value of money, and the purchasing power of the income of the State, it is necessary to take into consideration the prices of provisions at the period. The following Table will give some idea of the extraordinary cheapness of food, though the

prices are sufficiently high for the discriminated articles of luxury.

AVERAGE PRICES OF PROVISIONS IN AKBAR'S REIGN.¹

Wheat, گندم, 12 <i>dáms</i> per <i>man</i> of 55 467,857 lbs. aroundupois		
„ Flour, according to fineness, from 22 to 15 <i>dáms</i> .		
Barley, جو, 8 <i>dáms</i> per <i>man</i> (ground barley, 11 <i>dáms</i>).		
Rice, شالی and درنج, varieties, according to qualities, ranging from the extremes of 110 to 20 <i>dáms</i> per <i>man</i> .		
Pulse, موبگ (<i>Phaseolus mungo</i>)	18 <i>dáms</i> per <i>man</i> .	
Mash, ماش (<i>Phaseolus radiatus</i>)	16 „ „	
Nakhúd, نخود (<i>Cicer arietinum</i>)	16½ „ „	
Moth, موته (<i>Phaseolus aconitifolius</i>)	12 „ „	
Juwár, جوار (<i>Holcus sorghum</i>)	10 „ „	
White Sugar, شکر سفید	128 „ „	
Brown „ شکر سرخ	56 „ „	
Ghí (clarified butter) روغن زرد	105 „ „	
Sesamum Oil, روغن سل	80 „ „	
Salt, نمک	16 „ „	

Sheep from 6½ to 1½ rupees each. Mutton, 65 *dáms* per *man*.

Goats' flesh, 54 *dáms* per *man*.

The official *man* of Akbar's reign is defined as 40 *sirs*, each *sir* comprising the weight of 30 *dáms*. This gives a return for the *man* of 388,275 grains, or very nearly half a hundred

¹ Gladwin, i p 85, Blochmann, p. 62; Calcutta Persian text, p 60 Abul Fazl remarks—"The prices, of course, vary, as on marches, or during the rainy season, and for other reasons, but I shall give here the average prices."

weight avoidupois.¹ So that, at the rate of 12 *dāms* for the *man* of wheat, and the exchange of 2s. per rupee, the quarter of corn would only cost about 3 $\frac{2}{5}$ *d.* Fīrūz Shāh's price current (p. 283), reckoned in *jitals*, would give an almost identical result, i.e. 8 *jitals*, or 3*d* in English money, for the then *man* of wheat, estimated at 28 lbs.; and 'Alā-ud-dīn's earlier (A.D. 1295-1315) and assumedly forced reduction upon ordinary current prices would differ only to the almost imperceptible extent of half a *jital*—"or 7 $\frac{1}{2}$ *jitals* per *man*, of 28 lbs (p. 160).

COMPARATIVE COST OF LABOUR.

Bricklayers . . .	7 <i>dāms</i> to 4 <i>dāms</i> per day	(or 4 $\frac{2}{10}$ <i>d.</i> to 2 $\frac{4}{10}$ <i>d.</i>).
Carpenters . . .	7 " 2 " "	
Bildāis ² . . .	3 $\frac{1}{2}$ " 3 " "	
Ordinary labourers	2 " " "	(or 1 $\frac{1}{10}$ <i>d.</i>)
Matchlockmen, in the royal army, 6 rupees per month.		
Archers . . .	2 $\frac{1}{2}$ rupees " "	

¹ The figures are as follows: 323 5625 grains (the *dām*) $\times 30 \times 10 = 388,275$ 0 The English half-hundredweight, 56 lbs avoirdupois, is 392,000 grains. Then 21 pence $\div 10 = 2$ 4 farthings, or 12 *dāms* = 7 2 pence. As regards the *jitals*, the sum runs, 24 pence $\div 6 = 1$ 5 farthing, or 1 5 $\times 8 = 12$ farthings, or 3 pence. Colonel Anderson's independent but somewhat vague estimate of Akbar's *man* was 368,850 0 grains.—Tinnep, Useful Tables, p. 22. It has been so far demonstrated, at p. 161, that the *man* of 'Alā-ud-dīn's time (i.e. 1295-1315) ranged at something over 28 lbs avoirdupois, and I should have been greatly inclined to distrust the extraordinary weight now assigned to Akbar's *man*, were it not that Abū'l Fazl expressly mentions (p. 100) that "formerly" the *su* consisted of 18 *dāms* in some parts of Hindūstān, of 22 *dāms* in other divisions of the country, and of 28 *dāms* on the accession of Akbar, who himself raised it to 30 *dāms*. Moreover, we have seen that the weight of the *dām* itself was also largely increased from its ancient limit in Shīr Shāh's reign. Under these circumstances, objection can scarcely be taken to the total now produced from the figured data and extant coins of the period, which, strange to say, closely accords with R. Hawkins's rough definition of Jahāngir's *man* as "55 lbs weight"—Purchas 1 218.

² One who works with a *bīl* or *bēl*, "a pickaxe." A navvy

AKBAR'S REVENUES

I have had occasion to advert incidentally to the revenues of India during Akbar's reign, in connexion with the State resources of his predecessors. As much obscurity has prevailed with regard to the correct comprehension of values, even where figures were unassailable, I revert to the subject in its appropriate association with Akbar's monetary system, in order to exhibit more fully the absolute data available for the determination of the relative amount of the taxes imposed upon the dominions of that great monarch, at the period.

It must be premised, in forming any comparative estimate of these assessments, that each province had to furnish a State contingent of cavalry and infantry, specified in full detail with other imperial demands, apart from the mere money payments entered in the divisional accounts; so that the country had to support a very large, though probably ineffective, army, over and above its ordinary revenue liabilities. The number of men mustered in this Zamíndári force is reckoned at the very high figure of 4,400,000, in addition to the due proportion of horses and elephants each sub-division was bound to maintain. No reduction is made in the State demand for the payment of these troops, who are styled *بومی* *Būmī*, "Landwehr," in contradistinction to the better organized Royal army. If we estimate the cost to the country for this force at the very low figure of two rupees per man (including the purchase and feed of horses and elephants), it amounts of itself to a sum of more than

ten millions of pounds, which as a purely speculative estimate might honestly be doubled.

I repeat the substance, and enlarge the context, of Nizám-ud-dín Ahmad's statement of the amount of the current income, and again venture to impress upon all those who would follow up the inquiry, the value of the evidence on this and cognate subjects contributed by an author who had served for many years as *Bakhshi*, or military accountant, practically as co-administrator of the province of Gujarát.

Speaking of the country of Hindústán, he proceeds—"Its length from Hindú Kóh, on the borders of Badakhshán, to the country of Orissa, which is on the borders of Bengal, from west to east, is 1680 legal *kos*. Its breadth from Kashmír to the hills of Barújh, which is on the borders of Súrat and Gujarát, is 800 *kos* Iláhi. Another mode is to take the breadth from the hills of Kumáon to the borders of the Dakhan, which amounts to 1000 Iláhi *kos*. . . . At the present time, namely, A D 1002, Hindústán contains 3,200 towns (including 120 large cities) and 500,000 villages, and yields a revenue of 640,00,00,000 *tanakhs*."¹ The author adds, that as there is no room for the list of cities in this summary, he will give them in full alphabetical order on some future occasion, a task he seems never to have fulfilled.

Abúl Fazl's returns of Akbar's revenues are summarized from his imperfect data in the subjoined table, amounting, with later returns, but with all other deficiencies, to a total of *five arbs*,² *sixty-seven krois*, *sixty-three laks*, 83 thousand and 383 *dáms*, a sum not very far removed, with fair allowances

¹ See p 388 *anté*, Elliot's Index p. 204, Morley's Catalogue of the Royal Asiatic Society's MSS., p. 61, Stewart's Catalogue of Tippeco Sultan's Library, p 11

² The *Arb* अर्बुद ८ is 100 millions, or 100 *krois*, the *koi* is 100 *laks*, and the *lak* 100 thousand.

for omissions in such imperfect documents,¹ from the speculative correction of *sic arbs*, proposed at p. 389. There is no suspicion of Abūl Fazl's want of faith, even if any motive could be imagined for such a tendency; but it is clear that a comprehensive work like the *Āin-i Akbari*, a positive gazetteer of all India, must have been compiled from the statistics of various State departments, working with but little systematic concert, and its tabulated returns but imperfectly brought up to the changes of the day.²

I. Allahābād	21,21,27,119	<i>dāms</i> .
II Agrah	'51,62,50,304	,,
III. Oude	20,17,58,172	,,
IV. Ajmī	'28,61,37,968	,,
V. Ahmadābād (Gujarāt)	43,68,02,301	,,
" " Port dues	1,62,628	,,
VI Bihār	22,19,19,401	,,
VII. Bengal	59,84,59,319	,,
VIII Dehli	60,16,15,555	,,

¹ The majority of these *takīm jam'i* statements refer to the fifteenth year of the reign, and probably indicate a much lower revenue than the improved management of the succeeding twenty-five years secured for the State. The incorporation, however, of the returns of the new *shāhā*, plainly demonstrates the system of later additions to the original text.

² Akbar claims to have abolished numerous vexatious taxes, which it is admitted "used to equal the quit-rent of Hindūstān" (Gladwin, i 359). A full enumeration of these cesses is given in the *Āin-i Akbari*, and among other State demands thus abandoned figures the especially Muhammadan *Jizyah*, or Poll-tax (see note 5, p. 272 *ante*), levied upon unbelievers. This, in effect, constituted a rough species of income-tax, being graduated according to the means of the different classes of the Hindū community. It may be said to have been invidious, in the one sense; but it was simple, easily collected, and had none of the odious inquisitorial adjuncts of the British Income-tax. We find the *Jizyah*, however, in restored vigour during succeeding reigns.

³ Gladwin has 64 *krois*.

⁴ This total is obtained from the *Sirkār* details. Gladwin's text, p. 105, has only 2,28,41,507 *dāms*.

IX. Kábul ¹	{ Simple <i>dáms</i> Converted money, omit- ting payments in kind }	27,27,17,786 <i>dáms</i>	
		5,01,23,200	„
X. Láhor	... ..	55,94,58,423	„
XI. Multán	... ..	² 38,40,30,589	„
XII. Málwah	... ..	24,06,95,052	„
		<hr/>	
		4,61,25,57,820	old <i>súbahs</i>
XIII. Baráú ³ (from the <i>taksím jam'a</i>)		69,50,44,682 <i>dáms</i>	
XIV. Khandés ⁴	... ..	30,25,29,488	„
XV. Almadnagar (not entered).			
Tatah	... ..	6,62,51,393	„
		<hr/>	
		1,06,38,25,563	new <i>súbahs</i>
Grand total	... ..	5,67,63,83,383 <i>dáms</i> , at the	
		rate of 20 <i>double dáms</i> pcr rupee=	
		Rs 28,38,19,169, or £28,381,916	

¹ Otherwise designated as "Súbah Kashmú" (u p 152), "Kábul, cited as the modern capital" (p 199), subordinated equally as "Sirká Kábul," but under the final *taksím jam'a*, p 107, elevated to the rank of "Súbah Kábul." Under Sirkár Kandahá (p 196), there is a full definition of the relative values of the coins, in which the comparative estimates are framed, viz, 18 *dirahms* = 1 *tanman*, each local *tanman* being = 800 *dáms*. A note is attached to the effect that the *tanman* of Khorásán is 30 rupees, and that of Irak 40 rupees.

² The Multán return, in the preliminary statement, is 15,14,03,619, both in the Calcutta revised text and in Gladwin's old translation. The above figures exhibit the combined *taksím jam'a* or detail apportionment of the revenue of the several districts included in the Súbah, entered in the working or administrative lists.

³ This return is taken from the detailed statements, pp 61-64. The returns are clearly imperfect, and filled up with fanciful figures in the lower totals, a fact which contrasts in a marked manner with the precision observed in the minor figures of the revenues of the more definitely settled provinces. The total here obtained, however, does not differ very materially from the summary of local *tanmahs* quoted below from another part of the work, though it seems to indicate a later manipulation and elaboration of accounts. "This *súboh* (Baráú) contains 13 *sarkars* divided into 142 *pergunnahs*. The *tanmah* of this country is equal to eight of those of Dohi. Originally the amount of revenue was 3½ *lacs* of *tanmahs*, or 56 *lacs* of *dáms*, . . . during the government of Sultán Muá'ad the amount rose to 64,26,03,272 *dáms*."—KIN-1 Akbar, Gladwin, u p 74.

⁴ The introductory summary of the Súbah of Khandés (p 66) estimates the

*I have placed the subjoined estimates of the Indian imperial revenues, at various periods, in close juxtaposition with a view to availing myself of the opportunity of explaining the seemingly anomalous contrasts they present in their opening totals, and of tracing, in as much consecutive order as the materials admit of, the varying phases of the national progress.

	Silver Tankahs (or Rupees)	£ sterling at 2. per Rupee
Firúz Sháh, A.D. 1351-1388	6,08,50,000	6,085,000 (p. 272).
Bábar, A.D. 1526-1500	2,60,00,000.	2,600,000 (p. 388)
Akbar, A.D. 1593.....	32,00,00,000.	32,000,000 (p. 388)
Akbar, <i>estimated</i> later returns	33,14,87,772	33,118,777 (p. 389)
Aurangzéb, A.D. 1697.	38,71,91,000.	38,719,400 (p. 390)

The leading item of the relatively large income of Firúz Sháh, with his avowedly narrowed boundaries, would naturally seem to conflict with the reduced total confessed to by Bábar, who boasted of so much greater a breadth of territory; but these difficulties are susceptible of very simple explanation. In Firúz Sháh's time the country was positively full to overflowing of the precious metals, which had been uniformly attracted towards the capital from various causes for nearly a century previously. The innate wealth of the metropolitan provinces may be tested by the multitude of the extant specimens of the gold and silver coinages of the previous reigns, and the confessed facility with which millions might be accumulated by officials of no very high degree. The whole land was otherwise teeming with mate-

revenue at 12,64,762 Beḥmī *tanḳahs*, at 24 *dāms* the *tanḳah*, that is to say, at 3,03,51,288 *dāms*, but the distribution list at p. 60, 2nd part, raises the sum total to 1,26,47,062 *tanḳahs*, or 30,25,29,188 *dāms*. There is clearly an error of figures in the first quotation, which the detailed totals of the 32 *perḡanahs* in themselves suffice to prove, as they mount up in simple addition to the still larger sum of 1,55,46,863 *tanḳahs*.

rial wealth, and was administered by home-taught men, who realized every fraction that the State could claim.

Far different were the circumstances which Bábar's limited tenure of his straggling conquests presented. Tímúr had effectually ruined the land through which his plundering hordes had passed—what his followers could not carry away they destroyed, and while the distant provinces retained their wealth the old capital and all around it was impoverished to desolation; so that when the prestige of Dehli re-asserted itself under Buhlól Lódi, he was forced to resort to the local copper mines for a new currency (p. 363); and though public affairs and national wealth improved under his son Sikandar, the standard coin was only raised to something like $\frac{1}{16}$ silver to the copper basis, which, however, secured a more portable piece, and a more creditable value, a currency which found ready acceptance with races who had already been educated in the theory of mixed metals. The substantial prosperity of Hindústán under Ibrahim, the son of Sikandar, was absolutely unprecedented. Cheapness and plenty became fabulous even to the native mind, but this very prosperity of the people reduced, *pari passu*, the income of the king which was derived directly from the produce of the land, his dues being primarily payable in kind, so that when corn was cheap the money value of his revenues declined in equal proportion.¹ And thus it came about that

¹ It was with a view to remedy this state of things that Akbar introduced his ten years' settlement, the germ of that pernicious measure, Lord Cornwallis's Perpetual Settlement. Akbar's intentions were equitable, and the pact as between king and subjects left little to be objected to, but the uniformity it was desired to promote was dependent upon higher powers, and the Indian climate could not be made a party to the treaty. Hence, in bad seasons, the arrangement worked harshly against the poorer cultivators, and threw them more and

when Bábar examined the accumulated treasures of the house of Lódi, at Agrah, he found but little beyond the current copper coinage leavened with a small modicum of silver

The statistical returns of Babar's time were clearly based upon the old rent-rolls of that unacknowledged originator of all later Indian revenue systems, Sikandar bin Buhlól. A single subdued confession in Bábar's table¹ suffices to prove this, and simultaneously with the retention of these State ledgers the interlopers clearly accepted the official method of reckoning in Sikandari Tankahs, which, numismatically speaking, must have been almost the only coins available at the period, the prolific issue of which may be tested by the multitude of the pieces still in existence, and the completeness of the series of dates spreading over 26 continuous years of Sikandar's reign, already cited at page 366.

The rest of these comparative returns may be dismissed with brief notice. The statement of Nízám-ud-dín Ahmad is clear as to Abbar's revenues in A.D. 1593. The reception of the speculative return for the later period of his reign depends upon the accuracy of my rectification of Abúl Fazl's Persian text, and the justification of my assumption that the *dáms*, in which the totals are framed, were double and not single *dáms*. For this correction I have no specific authority beyond the coincidence of Nízám-ud-dín's employment of an identical measure of value in his parallel return, and the consistency with which the aggregate sum produced

more into the hands of usurers, whose lawful Oriental rate of interest was enough to crush far more thrifty cultivators than the ordinary Indian *Rauyat*. The *ten* years' settlement itself was based upon the average returns of the ten preceding harvests, from the fifteenth to the twenty-fourth year (inclusive) of Akbar's reign. —Gladwin, i. p. 366.

¹ No 5, "Méwát, not included in Sikandar's revenue roll" (p 390).

accords with the enhanced revenue of the kingdom under Aurangzéb.

Here I take leave of this branch of my leading subject, which, if it fails to secure the attention of the general reader, cannot but assert its importance with those who interest themselves in the real welfare of India, and who are prepared to recognize the pervading influence of the past upon the possible future of the land Great Britain has accepted as a profitable heritage, without any very clear conception of associate responsibilities.

APPENDIX.

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As the subject of Indian finance is just now attracting the serious attention of the English public, I have thought it advisable to reproduce in full the information summarized at pp 133-7, regarding the revenues of Akbar and Aurangzéb; and, further, to test my own deductions by some new data, which I have obtained since the previous pages were set up by the printer.

The general list of addenda includes the following :—

I. A brief but curious passage from De Laet,¹ which furnishes a fresh and independent test of the values of the various currencies in which the revenue returns of Akbar were framed.

II The summarized return of Sháh Jahán's revenues, for his twentieth year, from the "Bád-sháh Námah" of 'Abd al Hamíd, *Láhorí*, a contemporary statement, which was adopted in all its integrity by another living witness, Ashná Ináyat Khán, in his *Sháh Jahán Námah*, and finally incorporated in Kháfí Khán's work on the history of the house of Tímúr.

III The original text *in extenso* of Calron's comprehensive account of the land revenues of Aurangzéb, including his specification of other fiscal demands, raising the average burthen

¹ De Imperio Magni Mogols, sive India Vera, Joannes de Laet Lugduni Batavorum, ex officina Elzeviriana, 1631. The section of the work from which the extract, now reprinted, is taken constitutes the tenth or supplementary chapter on Indian history, derived from contemporary national and other testimony, and translated into Latin from the Dutch. The dates of events are carried down to A.D. 1628.

upon the country at large, to a second moiety or full equivalent of the sum obtained from the ordinary land-tax¹

IV The statistics furnished by the traveller Bernier, which, though less full and complete than the associate return, are of considerable value, as being clearly derived from independent sources, and as confirming or correcting, as the case may be, the parallel figures preserved by Caton

The first statistical return hereunto appended is contributed by De Laet from immediately contemporaneous information, and refers to a third or final phase of Akbar's revenue accounts, when his successor came to take stock of his father's accumulated treasures and current rent-roll. The document itself, which has only lately been brought to my notice,² furnishes a severe critical test of the soundness of the deductions previously arrived at from other sources: curiously enough, it confirms in the most definite manner my determination of the intrinsic value of the Sikandar Tankah (pp 369, 384, 388), and upholds, what I felt at the moment to be almost a *tour de force*, in the suggested substitution of *six* for *three* in the "hundred millions" of Akbar's revenue entered in the corrupt Persian text of Abûl Fazl (pp 388 n, 437), but, on the other hand, the context of the Latin passage raises a doubt as to my justification in substituting double for single *dâms* in the reduction of the given total into other currencies. There need be no reserve in confessing that *all* commentators upon the revenue returns of the *Ain-i-Akbari* have hitherto

¹ Caton, *Histoire de l'Empire Mogol*. Paris, 1715

² My attention was first attracted to this curious and very rare work by an excellent article in the *Calcutta Review* (October, 1870, January, 1871), on the "Topography of the Mogul Empire," by Mr E Leithbridge, which traces, with equal patience and ability, the geographical details furnished by the opening chapter entitled "*Indus sive Imperii Magni Mogolis Topographica Descriptio*."

concurred¹ in accepting the *dām* as $\frac{1}{40}$ part of a rupee; it is so defined in unmistakable terms in the table of coins (pp. 360 n, 421), but, singularly enough, there is no such parallel declaration of its value when it is entered under the generic name in the section of the work devoted to the revenue details. We have seen how frequently, in the Indian system, a nominal coin of a fixed denomination possessed no tangible representative, but was left to be made up in practice of two half pieces (pp. 361-2). So that if the archaic *Karsā* was so far a money of account as to be represented by two pieces of copper, and the Buhlōli in like manner remained an uncoined penny payable by two half-pennies, we may readily admit their successor the *dām* to a similar theoretical and practical condition.

If we look to the origin of Akbar's revenue tables, there is much to support the view that the old Sikandari or *double dām* continued to hold its place in the State ledgers. Akbar, following Babar's example, clearly took over Sikandar's original field measurements, even to the irrepressible *unit* of his yard measure (p. 373). We have no knowledge of the precise currency in which Shīr Shāh's accounts were kept, but to judge by the ultimate retention of so much of Sikandar's system, there was probably no needless interference with established money values. In regard to De Laet's definitions, in as far as they conflict with probabilities, I should infer that the process by which he obtained his alternative totals was the application of the coin values entered in other sections of his work,² to the grand total of 6,98,00,00,000 *dāms* furnished to

¹ Myself among the number. Erskine was the first to propose, with much hesitation, the possibility of the alternative I now contend for.

² Especially from a notice on Akbar's treasures, p. 143, which, however, does not exhibit any profound knowledge of the subject. I may add, in connexion with

him by his informants. This is the process, as we have already seen, adopted by our own commentators, and in no way renders it obligatory upon us to accept any thing but the leading figures pure and simple; to test, therefore, the consistency of the results he arrives at, we must compare prior and subsequent statistics.

The true amount of Bábar's revenue is now completely demonstrated and established by the new definition of the "Tanga" as $\frac{1}{16}$ of a rupee. The gradual increment upon Akbar's early return of the thirty-ninth year (viz., £32,000,000) to £33,148,771 in later periods, and to £34,900,000 in the fifty-first year, is consistent in the several gradational sums, and leads naturally up to Aurangzéb's improved revenues of £38,719,400.¹ The question we have now to decide is, can the second and third of these totals be reduced with any seeming reason to one half, or the sums represented by a computation of the original totals at $\frac{1}{16}$ of a rupee?

If Nizám-ud-dín's total of £32,000,000, expressed in now positively ascertained values, refers to Akbar's land revenue alone (in 1593 A.D.), as it would seem to do, and Aurangzéb's unquestioned modern currency (or rupee) income of £38,719,400 represents the parallel increase in the charge upon the land incident to the enhanced wealth of the country and irregularly extended boundaries, the reduction of Akbar's 6,98,00,00,000 *dáms*, the sum returned for A.D. 1605, into £17,450,000, seems to be altogether inadmissible. It is true that Akbar professes to have abandoned taxes in amount "equal to the quit-rent of Hindústán" (p. 432), but that rent-charge throughout remained unaffected, these excesses were

the notes at pp. 422, 433, *anté*, that De Laet's grand total of the contents of Akbar's treasure chamber, reduced into rupees, is defined at 19,83,46,666½, or £19,834,666.

¹ I accept Catron's total, though his detailed sums do not quite accord with

put broadly on its own merits, and apart from any foregone conclusion—does the sum of £22,000,000 ($8,80,00,00,000 \div 40 \div 10$) or the higher amount of £44,000,000 ($8,10,00,00,000 - 20 \div 10$) more nearly accord with the clearly defined sum of £38,719,400 realized in A.D. 1697? was there anything in the history of the intervening half century to sanction the idea of an approximate advance of one-third in the revenue during the period, as implied in an increase of nearly seventeen millions, or is it more within the limits of common sense to suppose that the subsequent collections should have fallen off to the extent of $5\frac{1}{2}$ millions? Undoubtedly the latter represents a less abrupt transition, and is in some degree accounted for by the loss of Balkh, Kandahár, and Badakshán, which figure for respectable sums in Sháh Jahán's list, and the temporary possession of which may have largely influenced the general trade of India; but otherwise the provincial totals are too little in unison to afford any very safe basis of extended comparison.

Finally, to set the question of approximate values completely at rest, I am able to produce the unofficial but very material testimony of Captain Richard Hawkins, in support of my theory, regarding the system of reckoning by *double dáms*, to the effect that in A.D. 1609–1611 Jahángír's land revenue amounted to "50,00,00,000 rupees" (£50,000,000)¹ Our countryman dealt in round numbers, and refers to no authoritative data, so that his leading figures may

¹ "The king's yearly income of his crown land is 50 crore of rupias, every crore is 100 lack and every lack is 100 thousand rupias." Side-note—The rupia is two shillings sterling, some say 2s. 3d., some 2s. 6d.—Purchas, i. 216.

Sir Thomas Roe, writing from Ajmir, in A.D. 1615, adverts incidentally to Jahángír's revenues in the following terms—"In revenue he doubtless exceeds either Turk or Persian or any Eastern Prince, the sums I dare not name."—Letter to Archbishop of Canterbury, in Churchill's Voyages, i. p. 659

be open to canvass; but the fact of rupee estimates being found intruding thus early upon the domain of the normal *dām*, enables us to check anew the relative values of the *dām* currency by the contemporaneous test of *rupee* equivalents. Under this aspect, my case may be said to be fully made out; no explanation, within the range of probabilities, would suffice to reduce the land revenues of 1605 A.D. to the single *dām* estimate of £17,450,000, in the face of a total of anything like an ordinary annual income of £50,000,000 in 1609-1611 A.D.

In conclusion, I recapitulate the contrasted returns of the nine periods

	Silver Tankahs (or Rupees).	£ sterling at 2s per rupee
Firúz Sháh, A.D. 1351-1388	6,08,50,000.	6,085,000
Bábar, A.D. 1526-1530	2,60,00,000.	2,600,000
Akbar, A.D. 1593.....	32,00,00,000.	32,000,000
Akbar, <i>estimated</i> later returns	33,14,87,772.	33,148,777
Akbar, A.D. 1605.....	34,90,00,000.	34,900,000
Jahángír, A.D. 1609-1611 ...	50,00,00,000	50,000,000
Jahángír, A.D. 1628	35,00,00,000	35,000,000
Sháh Jahán, A.D. 1648	44,00,00,000.	44,000,000
Aurangzéb, A.D. 1697	38,71,94,000.	38,719,400

Aurangzéb's total revenue from various sources, 77,43,88,000 silver tankahs (or rupees), at 2s per rupee=£77,438,800 sterling

I Parebant tum ipsi hæ provincie *Kandahar, Kabul, Kasmir, Ghassien, & Benazad. Guzaratta, Sindh, sive Tatta, Gandhees, Brampoi, Barar, Bengala, Orissa, Ode, Malouva, Agra, Delly*, cum suis limitibus: è quibus annuus census colligitur, uti constat è rationali Regis Achabar; VI Arab & XXVIII Caror, Dam, id est, si ad tangas exigas III Arab and XLIV Caroi tangarum, sive secundum monetam regni, XX tangas in singulas rupias computando; aut I Caror tangarum in V lack rupiar. XVII Caror. & XLV lack rupiarum: atque univversus hic annuus census in Magnates, Ducibus & stipendia militum effunditur. De Thesauris à Rege Achabare relictis alibi diximus.

II General revenue return for the twentieth year of the reign of Sháh Jahán (A.D. 1648), from the "Bádsháh Námah" of 'Abd al Hamíd, *Láhor*. The text adds, that at the death of Jahángír, in A.D. 1628, the Land Revenue of the State only amounted to 700,00,00,000 *dáms*, or £35,000,000. Various satisfactory causes are enumerated to explain the increase under Sháh Jahán¹

1.	Delhi	...	...	...	...	1,00,00,00,000	<i>dáms</i>
2.	Agrah	...	...	...	...	90,00,00,000	"
3.	Láhor	...	...	...	...	90,00,00,000	"
4.	Ajmír	...	...	...	...	60,00,00,000	"
5.	Daulatábád	...	...	...	...	55,00,00,000	"
6.	Bejár	...	...	...	...	55,00,00,000	"
7.	Ahmadábád	...	...	...	...	53,00,00,000	"
8.	Bengal	...	...	...	...	50,00,00,000	"
9.	Allahábád	...	...	...	...	40,00,00,000	"
10.	Bihár	...	...	...	...	40,00,00,000	"
11.	Málwah	...	...	...	...	40,00,00,000	"
12.	Khandés	...	...	...	...	40,00,00,000	"
13.	Oude	...	...	...	...	30,00,00,000	"
14.	Telungánah	...	...	...	...	30,00,00,000	"
15.	Multán	...	...	...	...	28,00,00,000	"
16.	Oussa	...	...	...	...	20,00,00,000	"
17.	Kábul	...	...	...	...	16,00,00,000	"
18.	Kashmír	...	...	...	...	15,00,00,000	"
19.	Tatah	...	...	...	...	8,00,00,000	"
20.	Balkh	...	...	...	...	8,00,00,000	"
21.	Kandahán	...	...	...	...	6,00,00,000	"
22.	Badakhshán	...	...	...	...	4,00,00,000	"
23.	Baglánah	...	...	...	...	2,00,00,000	"
							<hr/>
							8,80,00,00,000 "

Or at $\frac{1}{16}$ per rupee, 44,00,00,000 rupees, £44,000,000

¹ This is avowedly a summary average, and not an absolute or formal return, but it is fully trustworthy, as the alternative rate at the commencement of the reign shows that the author (writing in the twenty-first year) had access to official documents for both periods—Calcutta Persian text, n. 710.

III “Ce que nous avons dit jusqu’icy, est un préjugé favorable pour rendre croiable ce que nous allons dire Sans doute on ne sera plus surpris des immenses revenus que le Mogol recueille de ses Etats. En voici la liste tirée des archives de l’Empire L’état du produit de ce grand Domaine, que l’Empereur possède lui seul dans toute l’étendue de sa Souveraineté, étoit, en l’année 1697, tel que nous l’allons répéter. Pour en avoir l’intelligence, il faut supposer deux choses. Premièrement, que tous les Roiaumes de l’Empire se divisent en *Sarcas*, qui veut dire, *provinces*; que les *Sarcas* se divisent encore en *Parganas*, c’est-à-dire, en *Gouvernemens dans l’étendue d’une Province*. Ce sont, à proprement parler, des souverainetés. Secondement, il faut supposer, que selon la manière de compter dans l’Indou-tan, un *carol* vaut cent *lags*, c’est-à-dire, dix millions; & qu’un *lag* vaut cent mille *roupies* Enfin que les *roupies* valent à peu près *trente sols*, monnoye de France. Le Roiaume de Dely a dans son Gouvernement huit *Sarcas*, & deux cens vingt *Parganas*, qui rendent un *carol*, *vingt-cinq lags & cinquante mille roupies* (1,25,50,000 ruples) Le Roiaume d’Alexa compte dans son enceinte quatorze *Sarcas*, & deux cens soixante & dix-huit *Parganas*. Ils rendent à l’Empereur, *deux carols, vingt-deux lags & trois mille cinq cens cinquante roupies* (2,22,03,550 ruples) On trouve dans l’étendue du Roiaume de Lahor, cinq *Sarcas*, & trois cens quatorze *Parganas*, qui rendent *deux carols, trente-trois lags & cinq mille roupies* (2,33,05,000 ruples) Le Roiaume d’Amur, ses *Sarcas* & *Parganas* paient, *deux carols, dix-neuf lags & deux roupies* (2,19,00,002 ruples) Celui de Guawatte, qui dans son enceinte renferme neuf *Sarcas* & dix-neuf *Parganas*, donne à l’Empereur *deux carols, trente-trois lags & quatre-vingt quinze mille roupies* (2,33,95,000 ruples) Le Roiaume de Malua, divisé en onze *Sarcas* & en deux cens cinquante petits *Parganas*, ne rend que *quatre-vingt dix-neuf lags, six mille deux cens cinquante roupies* (99,06,250 ruples). On compte dans le Roiaume de Bear huit *Sarcas* & deux cens quarante-cinq petits *Parganas* L’Empereur en tire un *carol, vingt- & un lags & cinquante mille roupies* (1,21,50,000 ruples) Les quatorze *Sarcas* partagez en quatre-vingt seize *Parganas* du Roiaume de Multan, ne donnent à l’Empereur que *cinquante lags & vingt-cinq mille roupies* (50,25,000 ruples). Le Roiaume de

Cabul, divisé en trente-cinq Parganas, ne rend que *trente-deux laqs, & sept mille deux cens cinquante roupies* (32,07,250 rupees). Le Roiaume de Tata paye *soixante laqs, & deux mille roupies* (60,02,000 rupees), & celui de Bacal, seulement *vingt-quatre laqs* (24,00,000 rupees). Dans le Roiaume d'Urecha, quoiqu'on compte onze Sacas & un assez grand nombre de Parganas, on ne paye que *cinquante-sept laqs, & sept mille cinq cens roupies* (57,07,500 rupees). Les quarante-six Parganas du Roiaume Cachemir, ne rendent que *trente-cinq laqs, & cinq mille roupies* (35,05,000 rupees). Le Roiaume d'Illavas avec ses dépendances rend *soixante & dix-sept laqs, & trente-huit mille roupies* (77,38,000 rupees). Le Roiaume de Decan, qu'on divise en huit Sacas & en soixante & dix-neuf Parganas, paie *un carol, soixante-&deux laqs, & quatre mille sept cens cinquante roupies* (1,62,04,750 rupees). Au Roiaume de Bawal, on compte dix Sacas & cent quatre-vingt-onze petits Parganas. L'Empereur en tire *un carol, cinquante-huit laqs, & sept mille cinq cens roupies* (1,58,07,500 rupees). Le grande province de Candis, que nous mettons icy sur le pied des Roiaumes, rend au Mogol *un carol, onze laqs & cinq mille roupies* (1,11,05,000 rupees). Le Roiaume de Baglana a quarante-trois Parganas. L'Empereur en tire *soixante-&-huit laqs, & quatre-vingt-cinq mille roupies* (68,85,000 rupees). On ne paye au Roiaume de Nande que *soixante-&-douze laqs* (72,00,000 rupees). Dans celui de Bengale on donne à l'Empereur *quatre carols* (4,00,00,000 rupees). Le Roiaume d'Ugen rend *deux carols* (2,00,00,000 rupees). Celui de Ragemahal *un carol, & cinquante mille roupies* (1,00,50,000 rupees). L'Empereur exige du Roiaume de Visapour & d'une partie de la Province de Canatte *cinq carols* (5,00,00,000 rupees). Enfin le Roiaume de Golkonde & une autre partie de Canatte rend aussi *cinq carols* (5,00,00,000 rupees). Le tout supputé fait *trois cens quatre-vingt-sept millions de roupies & cent quatre-vingt quatorze mille* (38,71,94,000 rupees, or £38,719,400). Ainsi à prendre les roupies des Indes pour trente sols ou environ de nôtre monnoye de France, le Domaine de l'Empereur Mogol lui produit tous les ans, *cinq cens quatre-vingt millions, sept cens quatre-vingt onze mille livres*. Outre ces revenus fixes du Domaine, qu'on tire seulement des fruits de la terre, le casuel de l'Empire est une autre source de richesses pour l'Empereur. 1°. On exige tous les ans un

tribut par tête de tous les Indiens idolâtres. Comme la mort, les voyages, & les fuites de ces anciens habitans de l'Indoustan, en rendent le nombre incertain, on le diminue beaucoup à l'Empereur. Les gouverneurs profitent de leur déguisement. 2°. Toutes les marchandises, que les Négocians Idolâtres font transporter, payent aux Douanes cinq pour cent de leur valeur. Orangzeb a exempté les Mahométans de ces sortes d'impôts. 3°. Le blanchissage de cette multitude infime de toiles qu'on travaille aux Indes, est encore la matière d'un tribut. 4°. La nune de diamans paye à l'Empereur une grosse somme. Il exige pour lui les plus beaux & les plus parfaits, c'est-à-dire tous ceux qui sont au-dessus de *trois huit*. 5°. Les ports de mer, & particulièrement ceux de Sindi, de Barochia, de Suatte, & de Cambaye, sont taxés à de grosses sommes. Suatte seul rend ordinairement *trente lacs* pour les droits d'entrées, & *onze lacs* pour le profit des monnoyes qu'on y fait battre. 6°. Toute la côte de Coromandel, et les Ports situés sur les bords du Gange, produisent de gros revenus au Souverain. 7°. Ce qui les augmente infiniment c'est l'héritage qu'il perçoit universellement de tous ses Sujets Mahométans qui sont à sa solde, tous les meubles, tout l'argent, & tous les effets de celui qui meurt, appartiennent de droit à l'Empereur. Par là les femmes des Gouverneurs de Provinces & des Généraux d'armées, sont souvent réduites à une pension modique, & leurs enfans, s'ils sont sans mérite, sont réduits à la mendicité. 8°. Les tributs des Rajas sont assez considérables, pour tenir place parmi les principaux revenus du Mogol. Tout ce casuel de l'Empire, égale, à peu près, ou surpasse même les mineuses richesses que l'Empereur perçoit des seuls fonds de terre de son Domaine. On est étonné sans doute d'une si prodigieuse opulence, mais il faut considérer que tant de richesses n'entrent dans les trésors du Mogol, que pour en sortir tous les ans, du moins en partie, & pour couler une autre fois sur ses terres. La moitié de l'Empire subsiste par les libéralités du Prince, ou du moins elle est à ses gages. Outre ce grand nombre d'Officiers & de Soldats qui ne vivent que de la paye, tous les Pansans de la campagne, qui ne labourent que pour le Souverain, sont nourris à ses frais, & presque tous les Artisans des villes, qu'on fait travailler pour le Mogol, sont payés du Trésor

Impérial On conjecture assez quelle est la dépendance des Sujets, & par conséquent quelle est leur déférence pour leur Maître

IV. "Mémoire oublié à inscrire dans mon premier Ouvrage pour perfectionner la Carte de l'Indoustan, et savoir les Revenus du Grand Mogol"

1. Dehli	1,95,25,000
2. Agra	2,52,25,000
3. Lahor	2,46,95,000
4. Hasmu ¹	2,19,70,000
5. Gujara ^t (Ahmadabad) ...	1,33,95,000
6. Kandahar ²	19,92,500
7. Malwah	91,62,500
8. Patna or Bihâr	95,80,000
9. Allahâbâd	91,70,000
10. Oude	68,80,000
11. Multân	1,18,40,500
12. "Jagannat"	72,70,000
13. Kashmîr	3,50,000
14. Kâbul	32,72,500
15. Tata	23,20,000
16. Aurangâbâd	1,72,27,500
17. "Varada"	1,58,75,000
18. Khandés	1,85,50,000
19. Tihinguna ³	68,85,000
20. Baguala ⁴	5,00,000

Rs 22,59,14,500 or £22,591,450

—Bacon's Voyages, Amsterdam, 1724, vol. II, p. 351.

¹ Qui appartient à un Raja, donne au roi de tribut, etc

² Chiefly under Persia, Pegunnahs remaining to India pay as above.

³ Talengand, qui confine au Royaume de Golkonda du côté de Massipatan, a quarante-trois Pagnas"

⁴ Baguala qui confine aux terres des Portugais et aux montagnes de Sevagi, ce Raja qui a saccagé Sourate, a deux Serkars, huit Pagnas."

GENERAL INDEX.

* * Where the letter *n* occurs after the pages, it signifies that the reference is to a note in the page specified.

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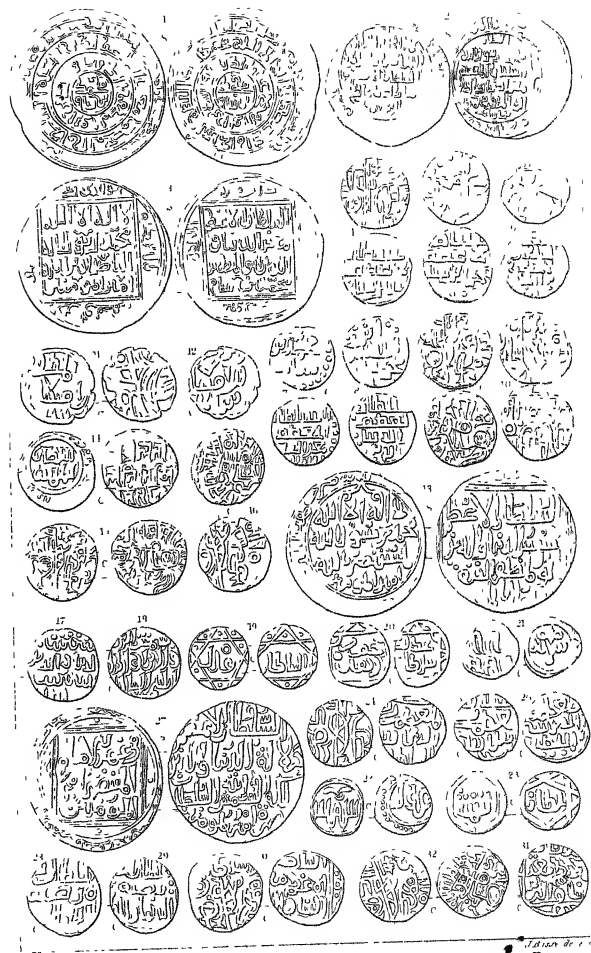
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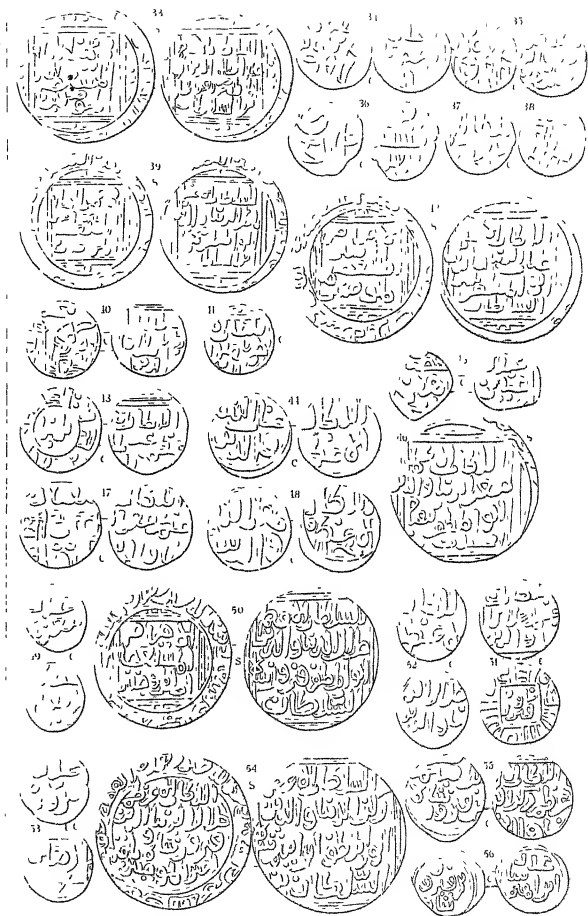
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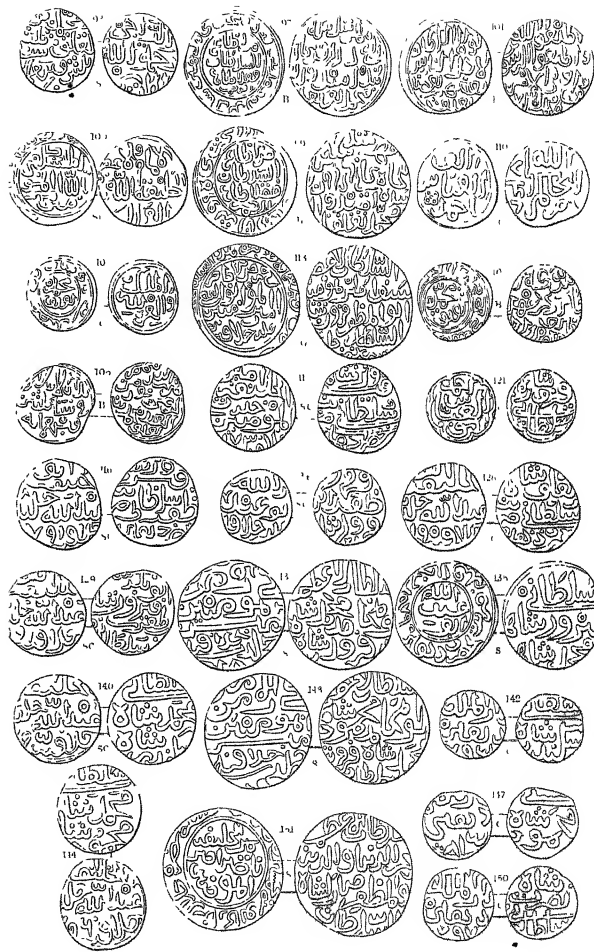
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